



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: March 7, 2019

Effective Date: March 7, 2019

Expiration Date: March 6, 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: 14-00014

Synthetic Minor

Federal Tax Id - Plant Code: 25-1150293-2

Owner Information

Name: GLENN O HAWBAKER INC

Mailing Address: 711 E COLLEGE AVE
PLEASANT GAP, PA 16823-6854

Plant Information

Plant: GLENN O HAWBAKER/CRUSHING & ASPHALT PLT SR0064

Location: 14 Centre County 14931 Spring Township

SIC Code: 2951 Manufacturing - Asphalt Paving Mixtures And Blocks

Responsible Official

Name: DANIEL R HAWBAKER

Title: PRES

Phone: (814) 237 - 1444

Permit Contact Person

Name: JAMES F KERSCHNER

Title: ENVIRONMENTAL MGR

Phone: (814) 231 - 6498

[Signature] _____

MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



SECTION A. Table of Contents

Section A. Facility/Source Identification

Table of Contents
Site Inventory List

Section B. General State Only Requirements

- #001 Definitions.
- #002 Operating Permit Duration.
- #003 Permit Renewal.
- #004 Operating Permit Fees under Subchapter I.
- #005 Transfer of Operating Permits.
- #006 Inspection and Entry.
- #007 Compliance Requirements.
- #008 Need to Halt or Reduce Activity Not a Defense.
- #009 Duty to Provide Information.
- #010 Revising an Operating Permit for Cause.
- #011 Operating Permit Modifications
- #012 Severability Clause.
- #013 De Minimis Emission Increases.
- #014 Operational Flexibility.
- #015 Reactivation
- #016 Health Risk-based Emission Standards and Operating Practice Requirements.
- #017 Circumvention.
- #018 Reporting Requirements.
- #019 Sampling, Testing and Monitoring Procedures.
- #020 Recordkeeping.
- #021 Property Rights.
- #022 Alternative Operating Scenarios.

Section C. Site Level State Only Requirements

- C-I: Restrictions
- C-II: Testing Requirements
- C-III: Monitoring Requirements
- C-IV: Recordkeeping Requirements
- C-V: Reporting Requirements
- C-VI: Work Practice Standards
- C-VII: Additional Requirements
- C-VIII: Compliance Certification
- C-IX: Compliance Schedule

Section D. Source Level State Only Requirements

- D-I: Restrictions
- D-II: Testing Requirements
- D-III: Monitoring Requirements
- D-IV: Recordkeeping Requirements
- D-V: Reporting Requirements
- D-VI: Work Practice Standards
- D-VII: Additional Requirements

Note: These same sub-sections are repeated for each source!

Section E. Alternative Operating Scenario(s)

- E-I: Restrictions
- E-II: Testing Requirements
- E-III: Monitoring Requirements



SECTION A. Table of Contents

- E-IV: Recordkeeping Requirements
- E-V: Reporting Requirements
- E-VI: Work Practice Standards
- E-VII: Additional Requirements

Section F. Emission Restriction Summary

Section G. Miscellaneous

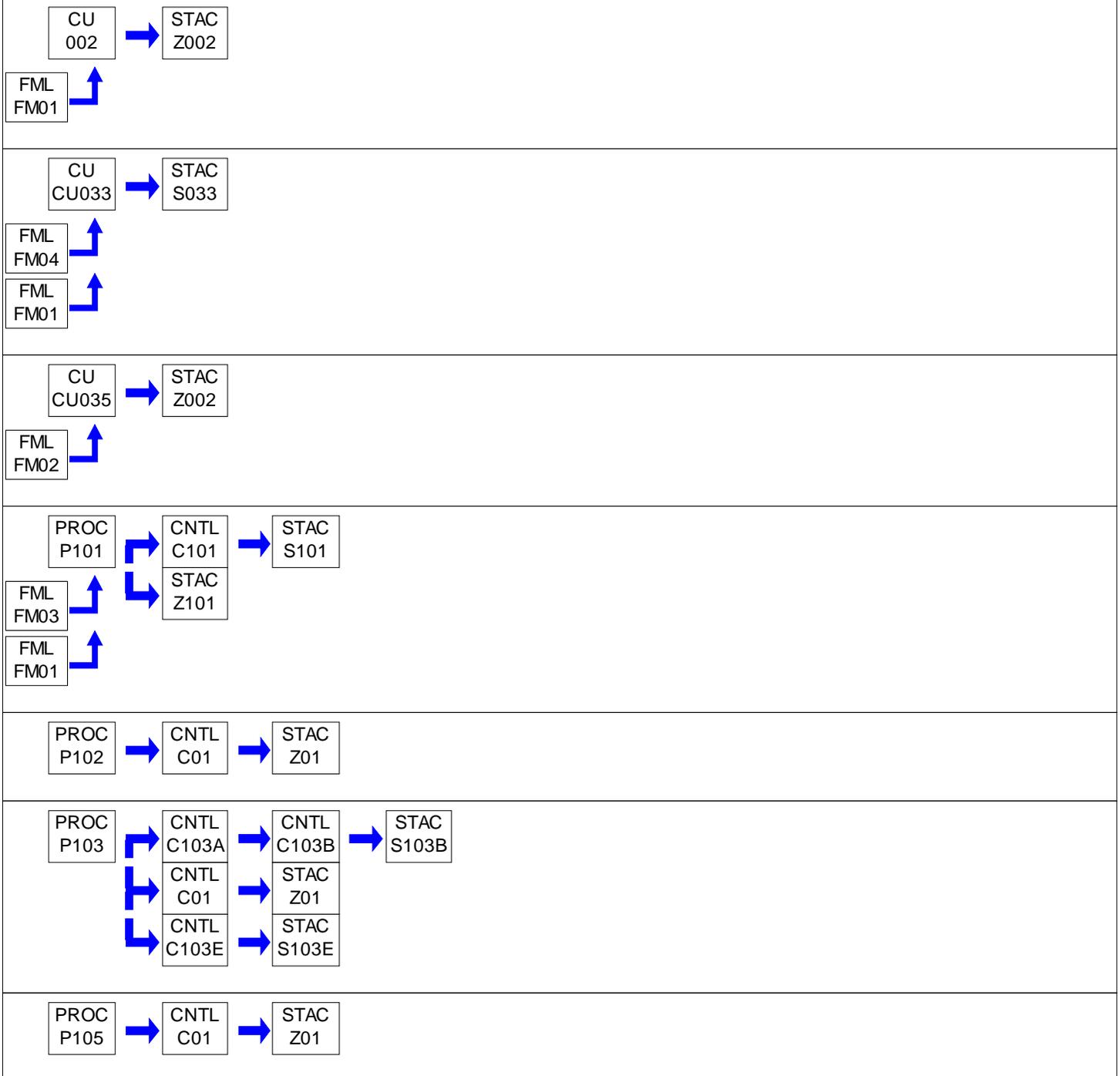
**SECTION A. Site Inventory List**

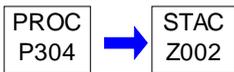
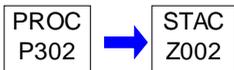
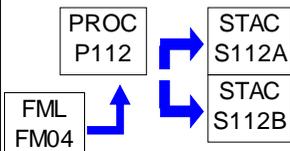
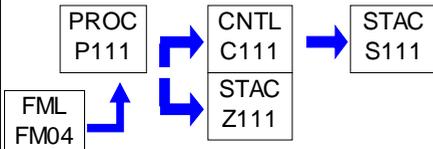
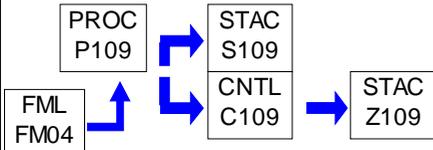
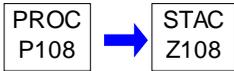
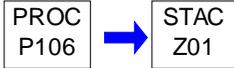
Source ID	Source Name	Capacity/Throughput	Fuel/Material
002	ASPHALT TANK HEATER	1.300 MMBTU/HR	
CU033	TWO NATURAL GAS/#2 FUEL OIL BOILERS	16.210 MMBTU/HR	
CU035	WASTE OIL HEATERS		
P101	ASPHALT CONCRETE OPERATION		
P102	PRIMARY CRUSHING OPERATION		
P103	SECONDARY CRUSHING OPERATION		
P105	LIMESTONE CONVEYING SYSTEM		
P106	UNPAVED SITE HAUL ROADS		
P107	RAILCAR MATERIAL LOADING/UNLOADING OPERATION		
P108	OIL/LIQUID ASPHALT STORAGE OPERATION		
P109	KOLBERG PORTABLE CRUSHING AND SCREENING PLANT		
P111	NORDBERG PORTABLE CRUSHING PLANT		
P112	TWO GODWIN WATER PUMPS		
P302	SAFETY KLEEN PARTS WASHER		
P303	MCCLOSKEY CRUSHER UNIT		
P304	ASPHALT STORAGE TANK		
C01	WATERSPRAY DUST SUPPRESSION SYSTEM		
C101	AMEREX RP10800D6 FABRIC COLLECTOR		
C103A	CYCLONE PRECLEANER		
C103B	AMEREX RP12429D6 FABRIC COLLECTOR		
C103E	ASTEC FABRIC COLLECTOR		
C109	WET SUPPRESSION SYSTEM		
C111	WET SUPPRESSION SYSTEM		
C303	SPRAY NOZZLES		
FM01	NATURAL GAS LINE		
FM02	WASTE OIL TANKS		
FM03	RECYCLED/REPROCESSED OIL TANK		
FM04	DIESEL FUEL TANK		
S033	BOILERS STACKS		
S101	AMEREX RP10800D6 STACK		
S103B	AMEREX RP12429D6 STACK		
S103E	ASTEC FABRIC COLLECTOR STACK		
S109	CUMMINS DIESEL ENGINE STACK		
S111	CATERPILLER DIESEL ENGINE STACK		
S112A	CATERPILLAR DIESEL ENGINE STACK		
S112B	JOHN DEERE DIESEL ENGINE STACK		
Z002	FUGITIVE EMISSIONS		
Z01	FIGITIVE PARTICULATE MATTER		
Z101	FUGITIVE EMISSIONS		

SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
Z108	FUGITIVE VOC EMISSIONS		
Z109	FUGITIVE PARTICULATE MATTER		
Z111	FUGITIVE DUST		

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 §123.1]****Prohibition of certain fugitive emissions**

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

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

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

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

The permittee shall not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in (1) through (8) in condition #001 above if the emissions are visible at the point the emissions pass outside the permittee's property.

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

The permittee shall not permit the emission of visible air contaminants into the outdoor atmosphere in such a manner that the opacity of the emission is either of the following:

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

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

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

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

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

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

- a) The total combined nitrogen oxides (NO_x, expressed as NO₂) emissions from all sources located at the facility shall not exceed 37.53 tons in any 12 consecutive month period.
- b) The total combined carbon monoxide emissions from all sources located at the facility shall not exceed 50.40 tons in any 12 consecutive month period.
- c) The total combined sulfur oxides (SO_x, expressed as SO₂) emissions from all sources located at the facility shall not exceed 36.14 tons in any 12 consecutive month period.
- d) The total combined volatile organic compounds emissions from all sources located at the facility shall not exceed 13.52 tons in any 12 consecutive month period.
- e) The total combined PM₁₀ (particulate matter with an aerodynamic diameter of 10 microns or less) emissions from all sources located at the facility shall not exceed 83.24 tons in any 12 consecutive month period.

**SECTION C. Site Level Requirements**

f) The total combined particulate matter emissions from all sources located at the facility shall not exceed 112.86 tons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.**# 006 [25 Pa. Code §139.1]****Sampling facilities.**

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

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

- (1) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.
- (2) As specified in 25 Pa. Code Section 139.11(2), the Department will consider for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum all of the following:
- (a) A thorough source description, including a description of any air cleaning devices and the flue.
 - (b) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature, and other conditions which may affect emissions from the process.
 - (c) The location of the sampling ports.
 - (d) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage CO, CO₂, O₂ and N₂), static and barometric pressures.
 - (e) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
 - (f) Laboratory procedures and results.
 - (g) Calculated results.

III. MONITORING REQUIREMENTS.**# 008 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

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

IV. RECORDKEEPING REQUIREMENTS.**# 009 [25 Pa. Code §135.5]****Recordkeeping**

The permittee shall maintain records including computerized records that may be necessary to comply with 25 Pa. Code Sections 135.3 and 135.21 (relating to reporting; and emission statements). These may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

All records generated pursuant to this condition shall be retained for a minimum of 5 years and be made available to the Department upon request.

SECTION C. Site Level Requirements**V. REPORTING REQUIREMENTS.****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) The permittee shall report malfunctions which occur at this facility to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner that may result in an increase in the emission of air contaminants. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.
- (b) Failures that are caused in part by poor maintenance or careless operation shall be reported as excess emissions or deviations from the plan approval requirements.
- (c) When the malfunction, excess emission or deviation from the plan approval's requirements poses an imminent and substantial danger to the public health and safety or environment, the permittee shall notify the Department by telephone no later than one (1) hour after the incident.
- (d) Any malfunction, excess emission or deviation from the plan approval's requirements that is not subject to the notice requirements of subsection (c) of this permit condition shall be reported to the Department within twenty-four (24) hours of discovery. In notifying the Department, the permittee shall describe the following:
- (i) name and location of the facility,
 - (ii) nature and cause of the malfunction or breakdown,
 - (iii) time when the malfunction or breakdown was first observed,
 - (iv) expected duration of excess emissions,
 - (v) estimated rate of emissions and
 - (vi) corrective actions or preventative measures taken.
- (e) The permittee shall notify the Department immediately when corrective measures have been accomplished.
- (f) Upon the request of the Department, the permittee shall submit a full written report to the Regional Air Program Manager within fifteen (15) days of the malfunction, excess emission or deviation from this plan approval's requirements.

011 [25 Pa. Code §135.3]**Reporting**

- (a) A person who owns or operates a source to which 25 Pa. Code Sections 135 applies, and who has previously been advised by the Department to submit an annual Air Information Management Systems (AIMS) report, shall submit by March 1 of each year an annual AIMS report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the proceeding calendar year and sources modified during the same period which were not previously reported.
- (b) A person who receives initial notification by the Department that an annual AIMS report is necessary shall submit an initial annual AIMS report within 60 days after receiving the notification or by March 1 of the year following the year for which the report is required, whichever is later.
- (c) A source owner or operator may request an extension of time from the Department for the filing of an annual AIMS report, and the Department may grant the extension for reasonable cause.

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

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

Source IDs P102, P103 and P105 shall not be operated without the simultaneous operation of Control Device ID C01 on any and all occasions that the respective sources are operated, except in those unusual instances where conditions are such that operation of the source(s) without the simultaneous operation of Control Device ID C01 can take place without creating air contaminant emissions in excess of the limitations specified in any applicable Department rule or regulation or in Subpart 000 of the federal Standards for Performance for New Stationary Sources, 40 CFR 60.670 through 60.676. If,

SECTION C. Site Level Requirements

however, Control Device ID C01 is incapable of operation due to weather conditions or any other reason the respective source(s) may not be operated at all.

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

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

Control Device ID C01 shall be connected to an on-demand water source capable of delivering an adequate supply of water at any time Source IDs P102, P103 or P105 are in operation. On-demand shall be interpreted as meaning that adequate water can be provided to all spray nozzles at any time with no more effort than turning a valve. If at any time the water source cannot deliver an adequate supply of water to properly operate the water spray dust suppression system, the permittee shall immediately cease operation of the respective source(s).

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

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

The permittee shall have onsite an operable water truck equipped with a pressurized spraybar to be used, as needed, for the prevention and control of fugitive air contaminant emissions from the roadways, stockpiles, truck loading activities, etc.

VII. ADDITIONAL REQUIREMENTS.**# 015 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

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

016 [25 Pa. Code §129.14]**Open burning operations**

The permittee may not permit the open burning of material at this facility unless in accordance with 25 Pa. Code Section 129.14.

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

SECTION D. Source Level Requirements

Source ID: 002

Source Name: ASPHALT TANK HEATER

Source Capacity/Throughput: 1.300 MMBTU/HR

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.22]****Combustion units**

The permittee may not permit the emission of sulfur oxides (SO_x), expressed as SO₂, into the outdoor atmosphere from the exhaust of Source ID 002 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

Compliance with the limitation specified in this condition also ensures compliance with 40 CFR 52.2020(c).

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

The permittee shall only fire Source ID 002 on natural gas.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

The permittee shall maintain accurate and comprehensive records of the number of hours Source ID 002 operates each month.

All records generated pursuant to this condition shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

The permittee shall submit semiannual reports of the number of hours Source ID 002 operated each month.

The semiannual reports shall be submitted to the Department no later than September 1 (for the immediately-preceding January 1 through June 30 period) and March 1 (for the immediately-preceding July 1 through December 31 period).

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

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

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

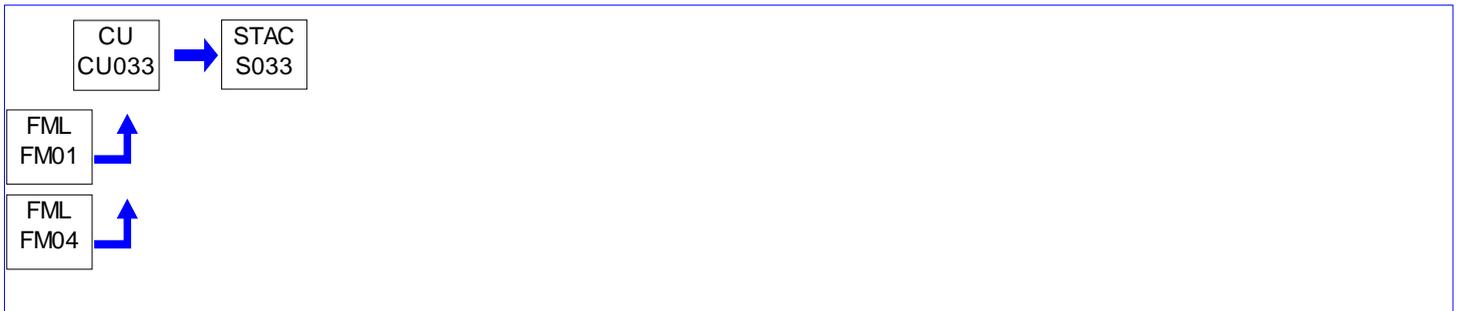
Source ID 002 is a 1.30 million Btu per hour natural gas-fired American model AHE 90 hot oil heater, used to heat the asphalt cement tanks.

**SECTION D. Source Level Requirements**

Source ID: CU033

Source Name: TWO NATURAL GAS/#2 FUEL OIL BOILERS

Source Capacity/Throughput: 16.210 MMBTU/HR

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

No person may permit the emission from the exhaust of each boiler of Source ID CU033 into the outdoor atmosphere of particulate matter in excess of 0.40 pound per million Btu of heat input.

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

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

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

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

(a) Each boiler of Source ID CU033 shall only be fired on natural gas/#2 fuel oil to which there has been no reclaimed oil or waste oil or other waste materials added.

(b) The sulfur content of the #2 fuel oil fired in each boiler of Source ID 033 shall not, at any time, exceed 0.05% (by weight).

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).

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

The permittee shall provide the Department with fuel analyses and/or samples of the fuel used in each boiler of Source ID CU033 as may be requested.

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source ID CU033 consists of two following natural gas/#2 fuel oil fired boilers:

1. One Cleaver Brooks model #CB-200-238-250 (Serial #OL104826) 9.716 MMBtu per hour boiler at Tank Farm facility for railcar operation (Installed 2009).
2. One 6.5 MMBtu per hour at Tank Farm facility for heating asphalt liquid tanks (Installed 2009).

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

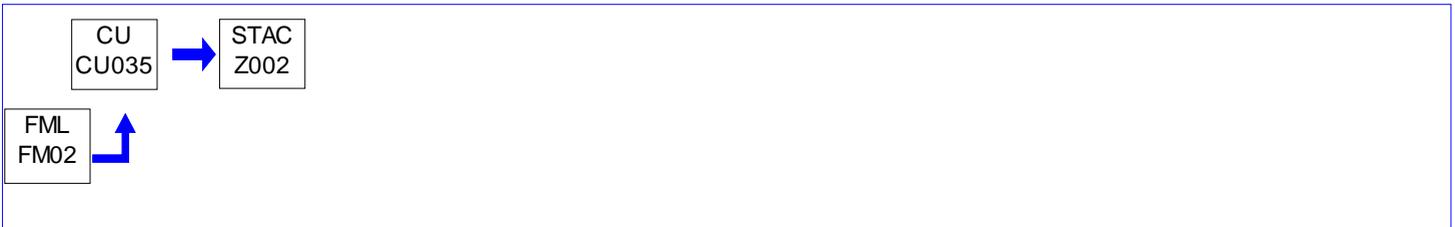
Each boiler of Source ID CU033 is subject to 40 CFR Part 63, Subpart JJJJJJ, Sections 63.11193 through 63.11237. The permittee shall comply with all applicable requirements of 40 CFR Part 63, Subpart JJJJJJ, Sections 63.11193 through 63.11237.

SECTION D. Source Level Requirements

Source ID: CU035

Source Name: WASTE OIL HEATERS

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.22]

Combustion units

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

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(1) The permittee shall not fire more than 21,608 gallons of waste oil in the Reznor furnace model RA500 in any 12 consecutive month period.

(2) The permittee shall not fire more than 11,680 gallons of waste oil in each Reznor furnace model RA350 in any 12 consecutive month period.

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.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain accurate and comprehensive records of the amount of waste oil fired in each furnace of Source ID CU035 for each calendar month to verify compliance with the waste oil usage limitations.

All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

**SECTION D. Source Level 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.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

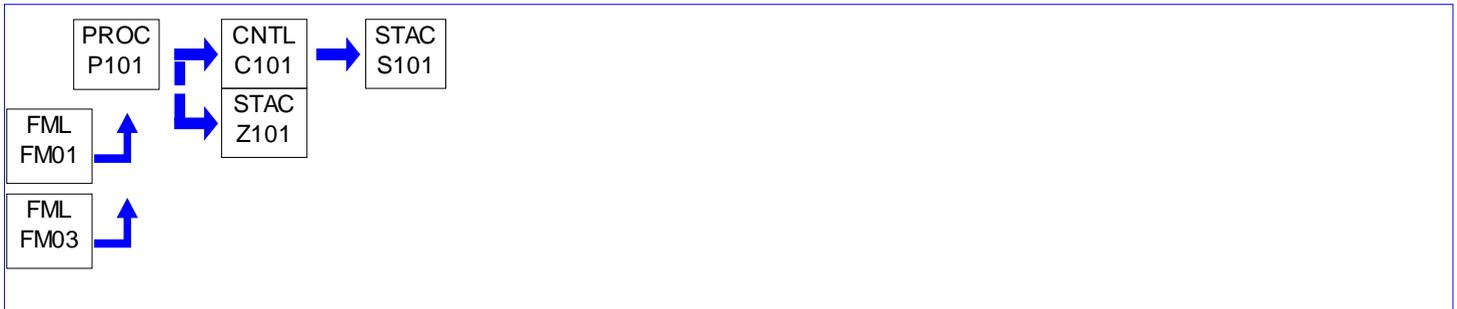
Source ID CU035 consists of three Reznor waste oil heaters located in the maintenance shop. The Reznor heaters were constructed via RFD approved on March 9, 2018.

SECTION D. Source Level Requirements

Source ID: P101

Source Name: ASPHALT CONCRETE OPERATION

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.21]****General**

The permittee may not permit the emission of sulfur oxides, expressed as SO₂, into the outdoor atmosphere from the exhaust of Source ID P101 in a manner such that the concentration of the sulfur oxides in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

The nitrogen oxides (NO_x, expressed as NO₂) emissions from Source ID P101 shall not exceed the following limitations while firing each of the respective fuels:

(a) gas (natural or LP) - 0.024 pounds per ton of asphalt concrete and 12.0 pounds per hour.

(b) #2 fuel oil - 0.044 pounds per ton of asphalt concrete and 22.0 pounds per hour.

(c) #5 fuel oil, #6 fuel oil and recycled/reprocessed oil - 0.052 pounds per ton of asphalt concrete and 26.0 pounds per hour.

The above limitations have been established at the request of the permittee. Compliance with the limitations established for Source ID P101 while firing #5 fuel oil, #6 fuel oil and recycled/reprocessed oil also ensures compliance with the nitrogen oxides emission limitations previously established for Source ID P101 pursuant to the best available technology provisions of 25 Pa. Code §§ 127.1 and 127.12, as specified in State Only Operating Permit 14-00014.

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

The carbon monoxide emissions from Source ID P101 shall not exceed the following limitations while firing each of the respective fuels:

(a) gas (natural or LP) - 0.082 pounds per ton of asphalt concrete and 41.0 pounds per hour.

(b) #2 fuel oil - 0.098 pounds per ton of asphalt concrete and 49.0 pounds per hour.

(c) #5 fuel oil, #6 fuel oil and recycled/reprocessed oil - 0.109 pounds per ton of asphalt concrete and 54.5 pounds per hour.

The above limitations have been established at the request of the permittee. Compliance with the limitations established for Source ID P101 while firing #5 fuel oil, #6 fuel oil and recycled/reprocessed oil also ensures compliance with the carbon monoxide emission limitations previously established for Source ID P101 pursuant to the best available technology provisions of 25 Pa. Code §§ 127.1 and 127.12, as specified in State Only Operating Permit 14-00014.

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

The volatile organic compounds emissions (expressed as propane) from Source ID P101 shall not exceed the following limitations while firing each of the respective fuels:

(a) gas (natural or LP) - 0.03 pounds per ton of asphalt concrete and 15.0 pounds per hour.

(b) #2 fuel oil, #5 fuel oil, #6 fuel oil and recycled/reprocessed oil - 0.032 pounds per ton of asphalt concrete and 16.0 pounds per hour.

These limitations apply regardless of whether Source P101 is processing 100% virgin aggregate material or a blend of virgin aggregate material and recycled asphalt pavement (RAP).

Additionally, the above limitations have been established at the request of the permittee. Compliance with these limitations also ensures compliance with the volatile organic compound emission limitations previously established for Source ID P101 pursuant to the best available technology provisions of 25 Pa. Code §§ 127.1 and 127.12, as specified in State Only Operating Permit 14-00014.

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

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

The concentration of particulate matter contained in the exhaust from Control Device ID C101 controlling the air contaminant emissions from Source ID P101 shall never exceed 0.02 grains per dry standard cubic foot. Additionally, the particulate matter and the PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) emissions from Source ID P101 shall not exceed 7.43 pounds per hour.

Compliance with the limitation specified herein ensures compliance with 25 Pa. Code Section 123.13 and 40 CFR Section 60.92.

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

The sulfur oxides (SO_x expressed as SO₂) emissions from Source ID P101 shall not exceed the following limitations while firing each of the respective fuels:

(a) #2 fuel oil - 0.08 pounds per ton of asphalt concrete and 40.0 pounds per hour.

(b) #5 fuel oil, #6 fuel oil and recycled/reprocessed oil - 0.078 pounds per ton of asphalt concrete and 39.0 pounds per hour.

The above limitations have been established at the request of the permittee. Compliance with the limitations established for Source ID P101 while firing #5 fuel oil, #6 fuel oil and recycled/reprocessed oil also ensures compliance with the sulfur oxides emission limitations previously established for Source ID P101 pursuant to the best available technology provisions of 25 Pa. Code §§ 127.1 and 127.12, as specified in State Only Operating Permit 14-00014.

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

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

The total combined hazardous air pollutant emissions from Source P101 shall not exceed 6.92 tons in any 12 consecutive month period. Additionally, the formaldehyde and toluene emissions from Source P101 shall not exceed 1.57 tons and 1.43 tons, respectively, in any 12 consecutive month period. The emission of any other single hazardous air pollutant shall not exceed 1.0 ton in any 12 consecutive month period.

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

Annual VOC emissions from any individual hot mix asphalt storage silo shall be less than 2.7 tons per yer.

**SECTION D. Source Level Requirements****# 009 [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.**

[Additional authority for this permit condition is derived from 40 CFR § 60.672(b)]

The permittee shall not permit the emission of fugitive air contaminants into the atmosphere from the two 24" belt conveyors or the Simplicity 5' x 12' double deck screen incorporated in Source ID P101 in such a manner that the opacity of the emission is greater than 10 percent.

Fuel Restriction(s).**# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

Source ID P101 shall only be fired on gas (natural or LP), virgin #5 fuel oil, virgin #6 fuel oil or recycled/reprocessed oil. None of the oil used as fuel shall contain sulfur in excess of 0.5%, by weight.

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

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

The recycled/reprocessed oil fired in Source P101 shall not contain contaminants in excess of the limitations specified below:

arsenic - 5 parts per million (by weight)

cadmium - 2 parts per million (by weight)

chromium - 10 parts per million (by weight)

lead - 100 parts per million (by weight)

total halide - 1,000 parts per million (by weight)

polychlorinated biphenyls (PCBs) - none detectable (detection limit no greater than 2 parts per million, by weight)

Additionally, the flash point of the recycled/reprocessed oil shall not be less than 100° F.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.22(a)(2)]

Any #2 fuel oil or diesel fuel fired in Source ID P101 shall be virgin fuel to which no reclaimed or waste oil or other waste materials have been added. Additionally, the sulfur content shall not, at any time, exceed 0.05% (by weight).

Throughput Restriction(s).**# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from the permittee requesting an elective restriction]

The total combined throughput of Source IDs P101 and P301 shall not exceed 800,000 tons of asphalt concrete in any 12 consecutive month period.

014 [25 Pa. Code §127.441]

**SECTION D. Source Level Requirements****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.14(a)]

No more than 800,000 tons of material shall be processed through the respective bin in any 12 consecutive month period. Failure to demonstrate compliance with this limitation will result in the Department considering the particulate matter and PM10 potential to emit for the bin and associated conveyor to be 6.603 tons and 2.442 tons, respectively, in any 12 consecutive month period rather than 1.206 tons and 0.446 tons, respectively.

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

The permittee shall not process more than 224 tons per hour of RAP (40% RAP mixture of 560 tons per hour capacity) in the hot mix asphalt plant of Source ID P101.

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

(a) By no later than June 30, 2023, the permittee shall perform stack testing to determine the nitrogen oxides (NO_x, expressed as NO₂), carbon monoxide, volatile organic compound (expressed as methane) and particulate matter emission rates from Source ID P101. All testing shall be performed while Source ID P101 is operating at its normal maximum rate of production, using test methods and procedures approved by the Department.

(b) At least 30 days prior to the performance of any testing required herein, the permittee shall submit two copies of a pretest protocol to the Department for review. This protocol shall describe the test methods and procedures to be used in the performance of testing, and shall include dimensioned sketches of the exhaust system showing the locations of all proposed sampling ports. The protocol shall also identify all process data which will be monitored and recorded during testing.

(c) At least 10 days prior to the performance of any testing required herein, the permittee shall notify the Department of the actual date(s) and time(s) that testing will occur so that Department personnel can arrange to be present during testing. The Department is under no obligation to accept the results of any testing performed without proper notification having first been given.

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

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

A sample of each load of recycled/reprocessed oil delivered to the site for use in Source ID P101 shall be taken at the time of delivery to the site using the proper sampling equipment (COLIWASA sampler or equivalent) and using a sampling technique capable of achieving a representative composite sample of the entire load. The samples are to be sealed and identified as to the identity of the supplier, date of delivery, delivery invoice number, etc. and shall be retained on site for at least two years for random selection and analysis by the Department.

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

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

The permittee shall test every shipment of recycled/reprocessed oil received for use in Source ID P101 upon receipt to determine the total halide content using EPA Reference Method 9077, or an alternate test method if so decided by the Department. Additionally, the permittee shall also perform a complete analysis to determine the arsenic, cadmium, chromium, lead, total halide, polychlorinated biphenyls (PCBs) and sulfur contents, as well as the flash point, using reference test methods specified herein for at least 1 out of every 15 shipments of recycled/reprocessed oil received. In each case, the analysis shall be completed within 15 days after receipt of the respective shipment. The permittee shall

**SECTION D. Source Level Requirements**

immediately report to the Department the results of any analyses which show a shipment of recycled/reprocessed oil to be out of compliance with the limitations specified herein.

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

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

The following analytical techniques and methods shall be employed to determine compliance with the recycled/reprocessed oil contaminant limitations and minimum flash point specified herein, unless the Department specifies the use of alternate analytical techniques and methods:

arsenic - EPA Method 3051, 6010, 6020 or an appropriate 7000 Series Method
 cadmium - EPA Method 6010, 6020 or an appropriate 7000 Series Method
 chromium - EPA Method 6010 or an appropriate 7000 Series Method
 lead - EPA Method 6010 or an appropriate 7000 Series Method
 total halides - EPA Method 9075, 9076 or 9077
 polychlorinated biphenyls (PCBs) - EPA Method 8082
 sulfur - ASTM D4294
 flash point - EPA Method 1010 or ASTM D-93-80

All EPA and ASTM methods referenced above should be understood to be the most recent revision to the respective method(s).

020 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall obtain a supplier certification or shall conduct a lab analysis test for asbestos for each load of waste shingles delivered to site before using shingles in Source ID P101.

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

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

Control Device ID C101 shall be equipped with instrumentation to continuously monitor the differential pressure across the device.

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

The permittee shall keep accurate and comprehensive records of the following:

- (a) total quantity of asphalt concrete produced each month.
- (b) quantity of asphalt concrete produced each month that contains RAP.
- (c) quantity of RAP processed each month.
- (d) quantity of each type of fuel used to fire the asphalt concrete plant each month.
- (e) delivery date, quantity delivered, identity of supplier and delivery invoice number of each shipment of recycled/reprocessed oil delivered to the plant, as well as a certified fuel analysis report for each shipment which identifies the arsenic, cadmium, chromium, lead, total halide, PCB and sulfur content in parts per million and the flash point in degrees Fahrenheit.
- (f) the results of all analyses required by condition #015 herein, as well as the results of any other analyses performed on recycled/reprocessed oil delivered to the plant, the identity of the specific shipment of recycled/reprocessed oil represented by each such analysis or set of analyses, the name of the individual(s) and/or company who performed each such analysis

**SECTION D. Source Level Requirements**

or set of analyses and the identity of the analytical techniques and methods used to perform each such analysis or set of analyses.

All records generated pursuant to this condition shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

The permittee shall keep records of the supporting calculations/testing used to verify compliance with the nitrogen oxides, carbon monoxide, sulfur oxides, particulate matter and volatile organic compound emission limitations for Source ID P101.

All records generated pursuant to this condition shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

024 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.14(a)]

Comprehensive accurate records shall be maintained of the amount of material processed through the respective bin each month. All such records shall be retained for at least five (5) years and shall be made available to the Department upon request. Failure to maintain these records will result in the Department considering the particulate matter and PM10 potential to emit for the bin and associated conveyor to be 6.603 tons and 2.442 tons respectively in any 12 consecutive month period rather than 1.206 tons and 0.446 tons, respectively.

025 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(1) The permittee shall keep records of supplier certification or all lab analysis results on site to verify asbestos-free shingles used in Source ID P101.

(2) The records shall be kept onsite for a minimum of five (5) year periods and shall be available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 026 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Within 60 days following the completion of any stack testing required by condition #015 herein, the permittee shall submit two copies of a test report to the Department. This test report shall contain the results of the testing, a description of the test methods and procedures actually used, copies of all raw test data with sample calculations and copies of all process data recorded during testing. Since the testing is required for the purpose of demonstrating compliance with limitations identified for Source ID P101 herein, the results of the testing shall be expressed in terms which can be used to verify compliance with those limitations.

027 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall submit semiannual reports of the amount of asphalt produced in Source ID P101 each month, as well as any supporting documentation verifying compliance with the 12 consecutive month asphalt production limitation for Source ID P101.

The semiannual reports shall be submitted to the Department no later than September 1 (for the immediately-preceding July 1 through June 30 twelve consecutive month period) and March 1 (for the immediately-preceding January 1 through December 31 twelve consecutive month period).

**SECTION D. Source Level Requirements****# 028 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall submit, upon Department request, analyses or samples of the fuel oil used to fire Source ID P101.

029 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The submission of all requests, reports, application submittals and other communications required by the Standards of Performance for New Stationary Sources (General Provisions, 40 CFR Sections 60.1-60.19) must be made to both the U.S. Environmental Protection Agency and the Pennsylvania Department of Environmental Protection. The copies may be sent to:

Director
Air Protection Division (3APOO)
U.S. EPA, Region III
1650 Arch Street
11th Floor
3WC22
Philadelphia, PA 19103-2029

and

Pennsylvania Department of Environmental Protection
Air Quality Program Manager
208 W. Third Street, Suite 101
Williamsport, PA 17701-6448

030 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall submit an annual report to the Department listing the identity of the supplier, delivery date, quantity delivered and delivery invoice number of each shipment of recycled/reprocessed oil delivered to the site during the previous calendar year, as well as identifying the arsenic, cadmium, chromium, lead, total halide, PCB and sulfur contents and the flash point of each load. Additionally, this report shall also contain the results of all analytical tests performed by the permittee, Department, oil vendors or any test companies contracted to perform analytical testing, as well as the identification of the analytical techniques and methods used to perform the testing. The report for each calendar year shall be due no later than March 15 of the following year.

VI. WORK PRACTICE REQUIREMENTS.**# 031 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

Material shall not be transferred into, or removed from, the mineral filler storage silo incorporated in the asphalt concrete plant (Source P101) unless the Amerex RP-10-800 D6 fabric collector (Control Device C101) controlling the silo and associated loadout spout is operating.

032 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

The mineral filler storage silo incorporated in the asphalt concrete plant (Source P101) shall not be vented to the atmosphere other than through Control Device C101. Additionally, material shall not be removed from this silo other than by introduction back into the mixing drum of the asphalt concrete plant or by unloading via the bulk loading spout into an enclosed or covered bulk solids truck.

SECTION D. Source Level Requirements**# 033 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

All open-topped trucks hauling dust from the mineral filler storage silo incorporated in the asphalt concrete plant (Source P101) shall have their loads securely tarped and a sign or signs stating the existence of this requirement shall be posted in a prominent location near the storage silo.

034 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

The recycled asphalt pavement (RAP) processing system associated with the asphalt concrete plant (Source P101) shall process RAP material only.

035 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for Control Device ID C101 in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of Source ID P101 and Control Device ID C101.

036 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

The permittee shall not accept for use in Source ID P101 any shipment of recycled/reprocessed oil for which the arsenic, cadmium, chromium, lead, total halide or polychlorinated biphenyls (PCBs) content and/or flash point are unknown or which fails to meet any limitation specified herein or for which the sulfur content is unknown or which fails to meet the limitation specified herein.

037 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code Sections 127.1 and 127.12, as well as 40 CFR Section 60.110b through 60.117b]

The 33,000 gallon fuel oil storage tank associated with Source ID P101 shall never contain any material having a vapor pressure greater than or equal to 10.5 kPa. Additionally, the subject tank shall never be used to store anything other than virgin #2 fuel oil, virgin #5 fuel oil, virgin #6 fuel oil or recycled/reprocessed oil.

038 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.14(a)(8)]

The 33,000 gallon liquid asphalt storage tank (installed in 2010) shall never contain any material having a vapor pressure greater than or equal to 10.5 kPa. Additionally, the subject tank shall never be used to store anything other than liquid asphalt.

**SECTION D. Source Level Requirements****# 039 [25 Pa. Code §129.64]****Cutback asphalt paving**

(a) The permittee shall not permit the use or application of cutback asphalt for paving operations except when any of the following applies:

- (1) Long-life stockpile is necessary.
- (2) The use or application between October 31 and April 30, is necessary.
- (3) The cutback asphalt is used solely as a tack coat, a penetrating prime coat, a dust palliative or precoating of aggregate.
- (4) Skin patching is necessary during October. Skin patching shall be less than 500 feet continuous length, 1,300 linear feet per mile, or 1,750 square yards per lane mile.

(b) The permittee shall not manufacture emulsion asphalts in Source ID P101 that contain more than the following percentage of solvent:

Emulsion Grade	Type	% Solvent	Maximum
E-1	Rapid Setting		0
E-2	Rapid Setting (Anionic)		0
E-3	Rapid Setting (Cationic)		3
E-4	Medium Setting		12
E-5	Medium Setting		12
E-6	Slow Setting (Soft Residue)		0
E-8	Slow Setting (Hard Residue)		0
E-10	Medium Setting (High Float)		7
E-11	High Float		7
E-12	Medium Setting (Cationic)		8

VII. ADDITIONAL REQUIREMENTS.**# 040 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P101 is asphalt concrete operation which consist of following equipment:

1. 560 ton per hour CMI Corporation SVM 2500 drum mix asphalt concrete plant incorporating a Maxum Solo counter-flow drum and an associated pneumatic dust handling system, a 6' x 16' Double Deck virgin screen, mineral filler silo and DCL bulk truck loadout spout, the air contaminant emissions from all of which shall be controlled by an Amerex RP-10-800 D6 pulse jet fabric collector (Control Device C101).
2. A recycled asphalt pavement (RAP) processing system which incorporates a TelSmith 3036 HIS RAP crusher, a 10' x 16' RAP bin with associated 30" belt feeder, a 4'x 8' single deck screen, a high frequency 6'x 18' single deck screen, a 36" belt conveyor, four 30" belt conveyors and a 24" belt conveyor.
3. One 33,000 gallon fuel oil storage tank, as well as two 10' x 14' aggregate storage bins with associated 30" belt conveyors, four 10'x 14' RAP bins with associated belt feeders and two 30" belt conveyors.
4. One 10' x 14' cold feed bin with associated 30" belt conveyor (approved via RFD).
5. one 33,000 gallon liquid asphalt storage tank (installed 2010) and one New York Blower fan rated at 85,000 acfm for Amerex RP10800D6 fabric collector (approved via RFD).
6. Five asphalt storage silos, 300 tons each (approved via RFD)

041 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The two 10' x 14' aggregate storage bins and the two 30" conveyors associated with Source ID P101 are subject to Subpart I

**SECTION D. Source Level Requirements**

of the federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.90 through 60.93. The permittee shall comply with all applicable requirements specified in this Subpart, as well as any other applicable Subpart of the Standards of Performance.

042 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

The air compressor used to supply Control Device ID C101 shall be equipped with an air dryer.

043 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

Source ID P101 shall not be used to decontaminate or otherwise treat soil or any other material which has been contaminated with gasoline, fuel oil or any other substance.

044 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

Source ID P101 shall not be used to produce asbestos-containing asphalt material, unless prior approval has been obtained from the Department.

045 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(1) Waste asphalt shingles may be used in Source ID P101 in the same fashion as recycled asphalt pavement (and, for the purpose of interpreting the conditions of State Only Operating Permit 14-00014 and Plana Approval 14-0004C, shall be considered as "recycled asphalt pavement") provided that the only waste shingles used are asbestos-free factory rejects.

(2) The permittee may use shingles from the building roofs and other surfaces provided that the shingles are asbestos-free.

046 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The 33,000 gallon storage tank (installed 2010) is subject to 40 CFR Part 60, Subpart Kb, Sections 60.110b through 60.117b. The permittee shall comply with all applicable requirements specified in Subpart Kb, as well as any other applicable Subpart of the Federal Standards of Performance for New Stationary Sources.

047 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The hot mix asphalt storage silos shall not emit into the outdoor atmosphere any malodorous air contaminant which are detectable outside the property lines of the Pleasant Gap Plants 1 and 2 facility.

048 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Applicability and designation of affected facility.**

The RAP crusher and associated discharge bin, the RAP screens and all belt conveyors up to, but not including, the four 10'x 14' RAP bins and subsequent conveyors incorporated in the recycled asphalt pavement (RAP) processing system associated with the asphalt concrete (Source P101) are subject to Subpart OOO of the federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.670 through 60.676. The permittee shall comply with all applicable requirements of this Subpart as well as any other applicable Subpart of the Standards of Performance.

SECTION D. Source Level Requirements**# 049 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.90]****Subpart I - Standards of Performance for Hot Mix Asphalt Facilities****Applicability and designation of affected facility.**

The mineral filler storage silo, the four 10'x 14' RAP bins, the associated 30" feeder conveyors and the two 30'x 150' belt conveyors incorporated in the asphalt concrete plant (Source P101) are subject to Subpart I of the federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.90 through 60.93. The permittee shall comply with all applicable requirements of this Subpart as well as any other applicable Subpart of the Standards of Performance.

050 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.90]**Subpart I - Standards of Performance for Hot Mix Asphalt Facilities****Applicability and designation of affected facility.**

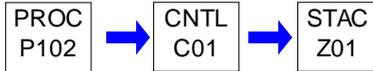
The asphalt concrete plant incorporated in Source ID P101 is subject to Subpart I of the federal Standards of Performance for New Stationary Sources, 40 CFR Part 60. 90 through 60.93. The permittee shall comply with all applicable requirements specified in this Subpart, as well as any other applicable Subpart of the Standards of Performance.

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: PRIMARY CRUSHING OPERATION

Source Capacity/Throughput:

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

[Additional authority for this permit condition is also derived from general permit for Portable Non-metallic Mineral Processing Plant (GP-3)]

The operation of a nonmetallic mineral processing plant shall not cause to be discharged into the atmosphere from any crusher, at which a capture system is not used, fugitive emissions which exhibit greater than 15 percent opacity.

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.672]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants
Standard for particulate matter.**

[Additional authority for this permit condition is derived from 40 CFR Section 60.672(b) and (c)]

The permittee shall not cause to be discharged into the atmosphere from Source ID P102 (with the exception of the Barber-Greene 36" x 170' truss conveyor) any fugitive emissions which exhibit greater than 10 percent opacity.

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

[Additional authority for this condition is derived from the permittee requesting an elective restriction]

The total throughput of Source ID P102 shall not exceed 3,200,000 tons of material in any 12 consecutive month period.

II. TESTING REQUIREMENTS.**# 004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]****Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants
Test methods and procedures.**

[Additional authority for this permit condition is derived from 40 CFR Section 60.675(a) and 25 Pa. Code Section 127.441]

In conducting the performance tests required in 40 CFR Section 60.8, the permittee shall use as reference methods and procedures the test methods in appendix A of 40 CFR Part 60 or other methods and procedures as specified in 40 CFR Section 60.675, except as provided in 40 CFR Section 60.8(b). Acceptable alternative methods and procedures are given in 40 CFR Section 60.675(e).

The permittee need not, however, perform stack testing or opacity testing on the subject sources of Source ID P102 unless specifically requested to do so by the Department or the Environmental Protection Agency.

005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants
Test methods and procedures.**

The permittee shall comply, for the subject sources of Source ID P102, with all the applicable testing requirements specified in 40 CFR Section 60.675(c)(1).

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

The permittee shall submit semiannual reports of the amount of material processed in Source ID P102 each month, as well as any supporting documentation verifying compliance with the 12 consecutive month processing limitation for Source ID P102.

The semiannual reports shall be submitted to the Department no later than September 1 (for the immediately-preceding July 1 through June 30 twelve consecutive month period) and March 1 (for the immediately preceding January 1 through December 31 twelve consecutive month period).

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.**

The submission of all requests, reports, application submittals, and other communications required by the Standards of Performance for New Stationary Sources (Nonmetallic Mineral Processing Plants, 40 CFR Sections 60.670-60.676 and General Provisions, 40 CFR Sections 60.1-60.19) must be made to both the U.S. Environmental Protection Agency and the Pennsylvania Department of Environmental Protection.

The copies may be sent to:

Director
Air Protection Division (3APOO)
U.S. EPA, Region III
1650 Arch Street
11th Floor
3WC22
Philadelphia, PA 19103-2029

and

The Pennsylvania Department of Environmental Protection
Air Quality Program Manager
208 W. Third Street, Suite 101
Williamsport, PA 17701-6448

008 [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.**

[Additional authority for this permit condition is derived from 40 CFR Section 60.676(f) and 25 Pa. Code Section 127.441]

Upon request by the Department or the Environmental Protection Agency, the permittee shall submit written reports of the results of the performance opacity observations made using Method 9 to demonstrate compliance with the fugitive opacity limitations for Source ID P102.

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

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

Source P102 is a primary crushing operation for limestone consisting of the following equipment:

- (a) Metso C160 portable jaw crusher- ID #100-008 (approved via GP3-14-229A)
- (b) 62" x 24' Simplicity vibrating feeder - ID #134-018
- (c) 6' x 12' Simplicity double deck scalping screen - ID #111-024
- (d) Simplicity 8' x 16' triple deck screen - ID #111-007
- (e) 30" x 100' radial stacking conveyor (GOH) - ID #123-019
- (f) 30" x 115' radial stacking conveyor (GOH) - ID #123-003
- (g) 42" x 120' truss conveyor (GOH) - ID #122-032
- (h) 36" x 170' truss conveyor (Barber-Greene) - ID #122-002
- (i) 42" x 8' Steel Systems forward/reversing channel frame conveyor - ID #120-077
- (j) 30" x 125' ABBCO truss frame conveyor - ID #122-048
- (k) 60" x 32' Steel Systems channel frame conveyor - ID #120-078
- (l) 30" x 150' 2RC transfer conveyor - ID #120-004
- (m) 42" x 12' undersize transfer conveyor - ID #120-099
- (n) 30" x 325' ABBCO/equal transfer conveyor #3 - ID #122-047
- (o) 44" x 20' McLanahan aggregate conditioner - ID #125-044
- (p) 8' x 20' Simplicity triple deck screen - ID #111-037
- (q) 10' x 32' McLanahan sand tank - ID #242-019
- (r) 44" x 33' McLanahan fine material screw - ID #125-043
- (s) 30" x 25' Eagle fine material screw - ID #125-041
- (t) 24" x 100' GOH/equal sand #1 stacker - ID #123-017
- (u) 24" x 100' Mellott Enterprises, Inc. sand stacker - ID #123-051
- (v) 24" x 365' Mellott Enterprises, Inc. 2B transfer conveyor - ID #122-042
- (w) 24" x 100' Mellott Enterprises, Inc. 2B stacker - ID #123-042
- (x) 24" x 170' Mellott Enterprises, Inc. 1B transfer conveyor - ID #122-041
- (y) 24" x 100' Mellott Enterprises, Inc. 1B stacker - ID #123-043
- (z) 24" x 125'-6" channel/truss frame conveyor - ID #122-051
- (aa) 30" x 155 truss frame conveyor - ID #122-052
- (bb) 30" x 120' Dover truss frame conveyor - ID #122-064
- (cc) Universal vibrating feeder (no ID)
- (dd) one 30"x51'-6" channel frame conveyor - ID: 120-004
- (ee) one 30"x100' radial stacking conveyor - ID: 123-050
- (ff) one 30" x 410' Truss/channel frame conveyor ID: 122-084
- (gg) One Canica Exterior crusher - ID 100-016

The air contaminant emissions from Source P102 shall be controlled by a water spray dust suppression system (Control Device C01) incorporating the following spray nozzles:

- (a) 3 spray nozzles located at the inlet of the Simplicity 62" x 24' feeder (ID #134-018).
- (b) 1 spray nozzles located at the discharge of the Metso C160 jaw crusher (ID #100-008).
- (c) 1 spray nozzle located at the discharge of the Steel Systems 42" x 8' forward/reversing channel frame conveyor (ID #120-077).
- (d) 2 spray nozzles located at the discharge of the Steel Systems 60" x 32' channel frame conveyor (ID #120-078).
- (e) 2 spray nozzles located at the discharge of the 42" x 120' truss conveyor (ID #122-032).
- (f) 1 spray nozzle located at the discharge of the 42" x 12' channel conveyor (ID #120-099).

**SECTION D. Source Level Requirements**

- (g) 1 spray nozzle located at the discharge of the 30" x 76' 2RC to wash conveyor (ID #122-025).
 (h) 1 spray nozzle located at the discharge of the 30" x 100' ABBCO/equal 2 RC stacker (ID #123-050).

At a minimum, the water spray dust suppression system (Control Device C01) associated with the aforementioned equipment shall incorporate the spray nozzles specifically described above. More spray nozzles may be added to Control Device C01 at any time, but none of the nozzles identified above may be omitted, deleted or removed without prior Department approval. Control Device C01 shall be equipped with strainers to prevent nozzle plugging.

Any of the above equipment, with the exception of the air pollution control devices, can be replaced without obtaining plan approval provided that the replacement equipment is of equal or smaller size as defined in Subpart OOO of the Federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.670 through 60.676, and provided that the replacement equipment is of equivalent design and function (i.e., an impact crusher may be replaced with an impact crusher, etc.). The permittee shall notify the Department prior to the replacement.

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

[Additional authority for this permit condition is also derived from general permit for Portable Non-metallic Mineral Processing Plant (GP-3)]

Fugitive particulate matter emissions from the Metso C160 crusher shall be controlled by a water spray dust suppression system.

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 shall be installed to indicate a normal operation of the dust suppression system.

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

[Additional authority for this permit condition is also derived from general permit for Portable Non-metallic Mineral Processing Plant (GP-3)]

Metso C160 crusher is subject to 40 CFR Part 60, Section 60.670 through 60.676, Subpart OOO. The permittee shall comply with all applicable requirements of 40 CFR Part 60, Subpart OOO, Sections 60.670 through 60.676.

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

[Additional authority for this permit condition is also derived from general permit for Portable Non-metallic Mineral Processing Plant (GP-3) and electric restriction]

The Metso C160 crusher shall only be powered by electricity provided by the public utility.

013 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Applicability and designation of affected facility.**

Sources incorporated in the primary crushing operation (Source P102), with the exception of the Barber-Greene 36" x 170' truss conveyor, are subject to Subpart OOO of the federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.670 through 60.676. The permittee shall comply with all applicable requirements of this Subpart as well as any other applicable Subpart of the Standards of Performance.

**SECTION D. Source Level Requirements****# 014 [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.**

Source ID P102 (with the exception of the Barber-Greene 36" x 170' truss conveyor) is subject to 40 CFR Part 60, Subpart 000.

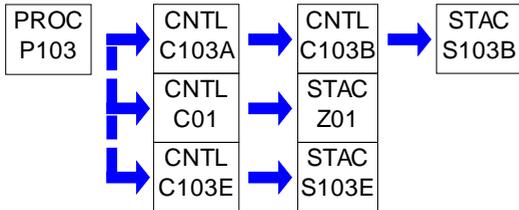
The permittee shall comply with all the applicable requirements specified in 40 CFR Sections 60.670 through 60.676.

SECTION D. Source Level Requirements

Source ID: P103

Source Name: SECONDARY CRUSHING OPERATION

Source Capacity/Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The concentration of particulate matter contained in the exhaust from Control Device ID C103B shall never exceed 0.02 grains per dry standard cubic foot. Additionally, the particulate matter and the PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) emissions from the exhaust from Control Device ID C103B shall not exceed 9.71 pounds per hour.

The concentration of particulate matter contained in the exhaust from Control Device ID C103E shall never exceed 0.02 grains per dry standard cubic foot. Additionally, the particulate matter and the PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) emissions from the exhaust from Control Device ID C103E shall not exceed 5.68 pounds per hour.

Compliance with these limitations also ensures compliance with the particulate matter emission limitations specified in 25 Pa. Code § 123.13 and 40 CFR § 60.672(a)(1).

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.672]

Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants

Standard for particulate matter.

[Additional authority for this condition is derived from 40 CFR § 60.672(a)(2)]

The permittee shall not permit the emission of fugitive air contaminants from the exhaust of Control Device ID C103E into the atmosphere in such a manner that the opacity of the emission is greater than 7 percent.

Compliance with the requirement specified in this condition also ensures compliance with 25 Pa. Code § 123.41.

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

Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants

Standard for particulate matter.

The following equipment of Source ID P103 is subject to 40 CFR Part 60, Subpart OOO. The permittee shall comply with all the applicable particulate matter standards specified in 40 CFR Section 60.672(b).

- (a) Simplicity/Diester 8' x 24' four deck screen (equipped with a Telex(R) cover) - ID #111-022
- (b) 24" x 45' channel frame conveyor (Producers Supply) - ID #120-053
- (c) 6,400 cubic foot dust Columbian Steel storage silo - ID #201-012
- (d) DCL model SOV-24-10 bulk loadout spout - ID #203-004
- (e) Universal bucket elevator - ID #230-006
- (f) 400 ton per hour Syntron F-450-C-DT feeder - ID #134-017
- (g) 24" x 40'2" channel frame conveyor (Producers Supply) - ID #120-075
- (h) 24" x 32'6" channel frame conveyor (Producers Supply) - ID #120-174
- (i) 24" x 48'3" channel frame conveyor (Producers Supply) - ID #120-076

**SECTION D. Source Level Requirements**

- (j) 36" x 140' truss conveyor (GOH) - ID #122-003
- (k) 30" x 92' channel frame conveyor (GOH) - ID #120-006
- (l) 30" x 125' truss frame conveyor (GOH) - ID #122-004
- (m) 24" x 110' mast type radial stacking conveyor (GOH) - ID #124-002
- (n) 24" x 15' channel frame conveyor (GOH) - ID #120-010
- (o) 24" x 30' channel frame conveyor (GOH) - ID #120-009
- (p) 24" x 132' truss frame conveyor (GOH) - ID #122-005

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

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

The total throughput of Source ID P103 shall not exceed 1,600,000 tons of material in any 12 consecutive month period.

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

(a) By no later than June 30, 2023, the permittee shall perform stack testing to determine the particulate matter emission rates from the exhausts of Control Device ID C103B and Control Device ID C103E. All testing shall be performed while Source ID P103 is operating at its normal maximum rate of production, using test methods and procedures approved by the Department.

(b) At least 30 days prior to the performance of any testing required herein, the permittee shall submit two copies of a pretest protocol to the Department for review. This protocol shall describe the test methods and procedures to be used in the performance of testing, and shall include dimensioned sketches of the exhaust systems showing the locations of all proposed sampling ports. The protocol shall also identify all process data which will be monitored and recorded during testing.

(c) At least 10 days prior to the performance of any testing required herein, the permittee shall notify the Department of the actual date(s) and time(s) that testing will occur so that Department personnel can arrange to be present during testing. The Department is under no obligation to accept the results of any testing performed without proper notification having first been given.

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants
Test methods and procedures.**

[Additional authority for this permit condition is derived from 40 CFR Section 60.675(a) and 25 Pa. Code Section 127.441]

In conducting the performance tests required in 40 CFR Section 60.8, the permittee shall use as reference methods and procedures the test methods in appendix A of 40 CFR Part 60 or other methods and procedures as specified in 40 CFR Section 60.675, except as provided in 40 CFR Section 60.8(b).

Acceptable alternative methods and procedures are given in 40 CFR Section 60.675(e). The permittee need not, however, perform stack testing or opacity testing on the subject sources of Source ID P103 unless specifically requested to do so by the Department or the Environmental Protection Agency.

007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants
Test methods and procedures.**

The permittee shall comply, for the subject sources of Source ID P103, with all the applicable testing requirements specified in 40 CFR Section 60.675(c)(1), (b)(1) and (b)(2).

**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.****# 008 [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.**

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

Control Device ID C103B and Control Device ID C103E shall each be equipped with instrumentation to continuously monitor the differential pressure across the respective control device. This instrumentation shall be operated on any occasion the respective control device is operating.

IV. RECORDKEEPING REQUIREMENTS.**# 009 [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.**

The permittee shall keep records of the amount of material processed in Source ID P103 each month as well as any supporting documentation used to verify compliance with the 12 consecutive month processing limitation for Source ID P103.

These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

Within 60 days following the completion of any stack testing required by condition #006 herein, the permittee shall submit two copies of a test report to the Department. This test report shall contain the results of the testing, a description of the test methods and procedures actually used, copies of all raw test data with sample calculations and copies of all process data recorded during testing. Since the testing is required for the purpose of demonstrating compliance with limitations identified for Source ID P103 herein, the results of the testing shall be expressed in terms which can be used to verify compliance with those limitations.

011 [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.**

The permittee shall submit semiannual reports of the amount of material processed in Source ID P103 each month, as well as any supporting documentation verifying compliance with the 12 consecutive month processing limitation for Source ID P103.

The semiannual reports shall be submitted to the Department no later than September 1 (for the immediately-preceding July 1 through June 30 twelve consecutive month period) and March 1 (for the immediately preceding January 1 through December 31 twelve consecutive month period).

012 [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.**

The submission of all requests, reports, application submittals, and other communications required by the Standards of Performance for New Stationary Sources (Nonmetallic Mineral Processing Plants, 40 CFR Sections 60.670-60.676 and General Provisions, 40 CFR Sections 60.1-60.19) must be made to both the U.S. Environmental Protection Agency and the Pennsylvania Department of Environmental Protection.

The copies may be sent to:

Director

Air Protection Division (3APOO)

**SECTION D. Source Level Requirements**

U.S. EPA, Region III
1650 Arch Street
11th Floor
3WC22
Philadelphia, PA 19103-2029

and

The Pennsylvania Department of Environmental Protection
Air Quality Program Manager
208 W. Third Street, Suite 101
Williamsport, PA 17701-6448

**# 013 [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.**

[Additional authority for this permit condition is derived from 40 CFR Section 60.676(f) and 25 Pa. Code Section 127.441]

Upon request by the Department or the Environmental Protection Agency, the permittee shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the particulate matter limitations for Source ID P103, including reports of opacity observations made using Method 9 to demonstrate compliance with the opacity limitations for Source ID P103.

VI. WORK PRACTICE REQUIREMENTS.

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

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

All open top trucks being loaded with dust from the new dust storage silo incorporated in Source ID P103 shall either be tarped, or otherwise covered, during loading or the associated bulk loadout spout shall be monitored and adjusted as necessary during loading such that the bottom of the spout is as close to the top of the material in the truckbed at all times as is reasonably possible.

Following the completion of loading, all open top trucks shall be tarped, or otherwise covered, before being moved from the silo area. A sign, or signs, stating the existence of this requirement shall be posted in a prominent location near the dust storage silo.

**# 015 [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.**

The storage and handling of the material collected in the fabric collectors (IDs C103B and C103E) associated with Source ID P103 shall not at any time result in the emission of fugitive air contaminants in excess of the limitations specified in 25 Pa. Code Section 123.1.

**# 016 [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.**

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

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for the fabric collectors (IDs C103B and C103E) associated with Source ID P103 in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of Source ID P103 and fabric collectors (IDs C103B and C103E).

**SECTION D. Source Level Requirements****# 017 [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.**

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

Any air compressor used to supply compressed air to Control Device C103E shall be equipped with an air dryer and an oil trap.

VII. ADDITIONAL REQUIREMENTS.**# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

Source P103 is a secondary crushing operation for limestone consisting of the following equipment:

- (a) Hazemag 1315/QL APPH impact crusher (ID #100-004)
- (b) 250 ton per hour VSI model 77 impact crusher - ID #102-001
- (c) Simplicity/Diester 8' x 24' four deck screen equipped with a Telex(R) cover - ID #111-022
- (d) two General Electric GI-90 inertial air classifiers - ID #254-004 & #254-005
- (e) three 24" x 100' radial stacking conveyors (Producers Supply) - ID #123-020, #123-002 & #123-001
- (f) 24" x 45' channel frame conveyor (Producers Supply) - ID #120-053
- (g) 6,400 cubic foot Columbian Steel dust storage silo - ID #201-012
- (h) DCL model SOV-24-10 bulk loadout spout - ID #203-004
- (i) Universal bucket elevator - ID #230-006
- (j) 400 ton per hour Syntron F-450-C-DT feeder - ID #134-017
- (k) 36" x 140' truss conveyor (GOH) - ID #122-003
- (l) 30" x 92' channel frame conveyor (GOH) - ID #120-006
- (m) 30" x 125' truss frame conveyor (GOH) - ID #122-004
- (n) 24" x 110' mast type radial stacking conveyor (GOH) - ID #124-002
- (o) 24" x 40'-2" channel frame conveyor (Producers Supply) - ID #120-075
- (p) 24" x 32'-6" channel frame conveyor (Producers Supply) - ID #120-074
- (q) 24" x 48'-3" channel frame conveyor (Producers Supply) - ID #120-076
- (r) 24" x 15' channel frame conveyor (GOH) - ID #120-010
- (s) 24" x 30' channel frame conveyor (GOH) - ID #120-009
- (t) 24" x 132' truss conveyor (GOH) - ID #122-005
- (u) 36' diameter Eagle Iron Works pug mill
- (v) six screw conveyors associated with the dust collectors

The air contaminant emissions from the secondary crushing operation (Source P103) shall be controlled by an 8' diameter cyclone precleaner (Control Device C103A) connected in series with an Astec model RBH-30-7-MOD fabric collector (Control Device C103E) incorporating dust pickups at each of the two inertial air classifiers, 1 dust pickup at the discharge end of the 24" x 132' truss conveyor, 1 dust pickup at the discharge end of the 30" x 92' channel frame conveyor and 1 dust pickup at the discharge end of the 24" x 45' channel frame conveyor; an Amerex RP-12-429-D6 fabric collector (Control Device C103B) incorporating 1 dust pickup at the discharge end of the 36" x 140' truss conveyor, 1 dust pickup at the receiving end of the 30" x 92' channel frame conveyor, 1 dust pickup at the Hazemag crusher, 2 dust pickups at the Simplicity/Diester 8' x 24' four deck screen, 1 dust pickup at the discharge end of the Producers Supply 24" x 32'-6" channel frame conveyor, 1 dust pickup at the receiving end of the Producers Supply 24" x 32'-6" channel frame conveyor, 1 dust pickup at the Frog-Switch cagemill crusher, 1 dust pickup at the receiving end of the 24" x 15' channel frame conveyor, 1 dust pickup at the receiving end of the Producers Supply 24" x 40'-2" channel frame conveyor, 1 dust pickup at the receiving end of the 24" x 30' channel frame conveyor, 1 dust pickup at the receiving end of the Producers Supply 24" x 48'-3" channel frame conveyor, 1 dust pickup at the receiving end of the 24" x 132' truss conveyor, 1 dust pickup at the discharge end of the 24" x 132' truss conveyor; dust pickups at each of the two 6,400 cubic foot Columbian Steel dust storage silos (new and existing), 1 dust pickup at the Universal bucket elevator and dust pickups at each of the two DCL model SOV-24-10 bulk

**SECTION D. Source Level Requirements**

loadout spouts (new and existing); and water spray dust suppression nozzles (Control Device C01) at the Hazemag impact crusher discharge and at each stacking conveyor. Additional dust pickup points and dust suppression nozzles may be added at any time but none of the pickup points or nozzles identified herein may be omitted, deleted or removed without Departmental approval. Control Device C01 shall be equipped with strainers to prevent nozzle plugging.

Any of the above equipment, with the exception of the air pollution control devices and any associated engines or generators, can be replaced without obtaining plan approval provided that the replacement equipment is of equal or smaller size as defined in Subpart OOO of the Federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.670 through 60.676, and provided that the replacement equipment is of equivalent design and function (i.e., an impact crusher may be replaced with an impact crusher, etc.). The permittee shall notify the Department prior to the replacement.

**# 019 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670]
Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants
Applicability and designation of affected facility.**

The new 6,400 cubic foot mineral filler silo and associated SOV-24-10 DCL telescopic loadout spout incorporated in Source ID P103 are subject to Subpart OOO of the federal Standards of Performance for New Stationary Sources, 40 CFR §§ 60.670 through 60.676. The permittee shall comply with all applicable requirements specified in this Subpart, as well as any other applicable Subpart of the Standards of Performance.

**# 020 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670]
Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants
Applicability and designation of affected facility.**

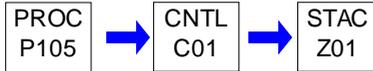
Source ID P103 (with the exception of the Iowa Manu. Co. 3645 double impeller impact crusher, the three Producers Supply 24" x 100' radial stacking conveyors, the two GE GI-90 classifiers and the Frog Switch model CE50 cagemill crusher) is subject to 40 CFR Part 60, Subpart OOO. The permittee shall comply with all the applicable requirements specified in 40 CFR Sections 60.670 through 60.676.

**SECTION D. Source Level Requirements**

Source ID: P105

Source Name: LIMESTONE CONVEYING SYSTEM

Source Capacity/Throughput:

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

Source ID P105 is subject to 40 CFR Part 60, Subpart OOO. The permittee shall comply with all the applicable particulate matter standards specified in 40 CFR Section 60.672(b).

II. TESTING REQUIREMENTS.**# 002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]****Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Test methods and procedures.**

[Additional authority for this condition is derived from 40 CFR Section 60.675(a) and 25 Pa. Code Section 127.441]

In conducting the performance tests required in 40 CFR Section 60.8, the permittee shall use as reference methods and procedures the test methods in appendix A of 40 CFR Part 60 or other methods and procedures as specified in 40 CFR Section 60.675, except as provided in 40 CFR Section 60.8(b).

Acceptable alternative methods and procedures are given in 40 CFR Section 60.675(e). The permittee need not, however, perform stack testing or opacity testing on Source ID P105 unless specifically requested to do so by the Department or the Environmental Protection Agency.

003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Test methods and procedures.**

The permittee shall comply, for Source ID P105, with all the applicable testing requirements specified in 40 CFR Section 60.675(c)(1).

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.**# 004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]****Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Reporting and recordkeeping.**

[Additional authority for this permit condition is derived from 40 CFR Section 60.676(f)]

Upon request by the Department or the Environmental Protection Agency, the permittee shall submit written reports of the

SECTION D. Source Level Requirements

results of the performance opacity observations made using Method 9 to demonstrate compliance with the fugitive opacity limitations for Source ID P105.

**# 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.**

The submission of all requests, reports, application submittals, and other communications required by the Standards of Performance for New Stationary Sources (Nonmetallic Mineral Processing Plants, 40 CFR Sections 60.670-60.676 and General Provisions, 40 CFR Sections 60.1-60.19) must be made to both the U.S. Environmental Protection Agency and the Pennsylvania Department of Environmental Protection.

The copies may be sent to:

Director
Air Protection Division (3APOO)
U.S. EPA, Region III
1650 Arch Street
11th Floor
3WC22
Philadelphia, PA 19103-2029

and

The Pennsylvania Department of Environmental Protection
Air Quality Program Manager
208 W. Third Street, Suite 101
Williamsport, PA 17701-6448

VI. WORK PRACTICE REQUIREMENTS.

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

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

Material shall not be transferred into, or removed from, the aggregate storage silos incorporated in the limestone conveying operation (Source P105) unless the water spray dust suppression system (Control Device C01) controlling the silo and associated loadout spout is operating.

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

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

All open-topped trucks hauling aggregate from the aggregate storage silos incorporated in the limestone conveying operation (Source P105) shall have their loads securely tarped and a sign or signs stating the existence of this requirement shall be posted in a prominent location near the storage silo.

VII. ADDITIONAL REQUIREMENTS.

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

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

Source P105 is a limestone conveying operation consisting of the following equipment:

SECTION D. Source Level Requirements

- (a) 30"x 180' truss conveyor (GOH) - ID #122-011
- (b) 30"x 245' channel frame/truss conveyor - ID #120-050
- (c) 36"x 12' underground belt feeder - ID #133-011
- (d) 30" belt tripper - #126-001

The air contaminant emissions from Source P105 shall be controlled by a water spray dust suppression system (Control Device C01) incorporating the following spray nozzles:

- (a) 1 spray nozzle located at the discharge of the (f) 36"x 12' underground belt feeder (no ID)
- (b) 1 spray nozzle located at the discharge of the 36"x 12' underground belt feeder - ID #133-011
- (c) 1 spray nozzle located at the discharge of the 30"x 245' channel frame/truss conveyor - ID #120-050
- (d) 1 spray nozzle (2 total) located at the discharge of each of the (g) two 30"x 160' channel frame/truss conveyors (no IDs)
- (e) 1 spray nozzle located at the discharge of the (h) 30"x 120' channel frame/truss conveyor (no ID)

At a minimum, the water spray dust suppression system (Control Device C01) associated with the aforementioned equipment shall incorporate the spray nozzles specifically described above. More spray nozzles may be added to Control Device C01 at any time, but none of the nozzles identified above may be omitted, deleted or removed without prior Department approval. Control Device C01 shall be equipped with strainers to prevent nozzle plugging.

Any of the above equipment, with the exception of the air pollution control devices, can be replaced without obtaining plan approval provided that the replacement equipment is of equal or smaller size as defined in Subpart OOO of the Federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.670-60.676, and provided that the replacement equipment is of equivalent design and function (i.e., an impact crusher may be replaced with an impact crusher, etc.). The permittee shall notify the Department prior to the replacement.

**# 009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670]
Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants
Applicability and designation of affected facility.**

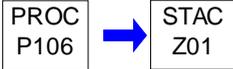
Sources incorporated in the limestone conveying operation (Source P105) are subject to Subpart OOO of the federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.670 through 60.676. The permittee shall comply with all applicable requirements of this Subpart as well as any other applicable Subpart of the Standards of Performance.

**SECTION D. Source Level Requirements**

Source ID: P106

Source Name: UNPAVED SITE HAUL ROADS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

The permittee shall keep records of the supporting documentation/calculations used to verify compliance with the water application frequency and application intensity requirements for Source ID P106. These records shall include but are not limited to the following items:

- (a) a map of all site haul roads and the length of each road,
- (b) the amount of water applied each two (2) hour period for the entire site,
- (c) the frequency of water application,
- (d) the water application intensity each two (2) hour period for the entire site, and
- (e) the source of the water and the tank capacity.

These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

[Additional authority for this condition is derived from the permittee requesting this elective restriction]

The permittee shall water each site haul road of Source ID P106 every two (2) hours that the site haul roads are in use. Each application of water shall maintain an application intensity of .56 liters of water per square meter of unpaved road.

Provisions may be made for rainfall. If within a two (2) hour period, rainfall application intensity is .56 liters per square meter or greater, the rainfall may be substituted for a watering. If within the next two (2) hour period, rainfall application intensity again is .56 liters per square meter or greater, the rainfall may be substituted for a watering and so forth. If rainfall application intensity is less than .56 liters per square meter, watering of the site haul road must be performed to make up the difference.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.**

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

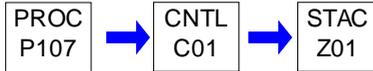
Source ID P106 consists of unpaved site haul roads.

**SECTION D. Source Level Requirements**

Source ID: P107

Source Name: RAILCAR MATERIAL LOADING/UNLOADING OPERATION

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

There shall be no visible fugitive air contaminant emissions at any time from the dump hopper incorporated in the railcar loading/unloading operation (Source P107) or from the railcars while the railcars are in the process of being loaded or unloaded.

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.672]

**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants
Standard for particulate matter.**

The permittee shall not cause fugitive emissions to be discharged into the atmosphere from any belt conveyor transfer point or any other affected source incorporated in Source ID P107 which exceed the opacity standards specified in 40 CFR § 60.672(b).

Throughput Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The total combined amount of material (aggregate, coal, and road salt) loaded into railcars in the railcar loading/unloading operation (Source P107) shall not exceed 500,000 tons in any 12 consecutive month period. Additionally, the total combined amount of material (aggregate, coal, and road salt) loaded into and unloaded from railcars in the railcar loading/unloading operation shall not exceed 1,200,000 tons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]

Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants**Test methods and procedures.**

The permittee shall comply, for the subject sources of Source ID P107, with all applicable testing requirements specified in 40 CFR 60.675(c)(1).

005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]

Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants**Test methods and procedures.**

[Additional authority for this condition is derived from 40 CFR § 60.675(a)]

In conducting the performance tests required in 40 CFR § 60.8, the permittee shall use reference methods and procedures the test methods in appendix A of 40 CFR Part 60 or other methods and procedures as specified in 40 CFR § 60.675, except as provided in 40 CFR § 60.8(b). Acceptable alternative methods and procedures are given in 40 CFR § 60.675(e).

The permittee need not, however, perform stack testing or opacity testing on Source ID P107 unless specifically requested to do so by the Department or the Environmental Protection Agency.

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

The permittee shall maintain comprehensive and accurate records of the amount of material loaded into railcars and the amount of material unloaded from railcars in the railcar loading/unloading operation (Source P107) each month.

These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

(1) The permittee shall conduct a laboratory analysis or to obtain a certification of asbestos-free shingles from the supplier prior to delivery of shingles on site.

(2) The records of the shingles lab analysis or supplier certification shall be kept onsite for a minimum of five (5) years and shall be made available to the Department upon request.

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

The permittee shall submit semiannual reports of the amount of material loaded into railcars and the amount of material unloaded from railcars in the railcar loading/unloading operation (Source P107) each month.

The semiannual reports shall be submitted to the Department by no later than September 1 (for the immediately-preceding July 1 through June 30 twelve consecutive month period) and March 1 (for the immediately preceding January 1 through December 31 twelve consecutive month period).

009 [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.**

The submission of all requests, reports, application submittals, and other communications required by the Standards of Performance for New Stationary Sources (Nonmetallic Mineral Processing Plants, 40 CFR Sections 60.670-60.676 and General Provisions, 40 CFR Sections 60.1-60.19) must be made to both the U.S. Environmental Protection Agency and the Pennsylvania Department of Environmental Protection. The copies may be sent to:

Director
Air Protection Division (3APOO)
U.S. EPA, Region III
1650 Arch Street
11th Floor
3WC22
Philadelphia, PA 19103-2029

and

The Pennsylvania Department of Environmental Protection
Air Quality Program Manager
208 W. Third Street, Suite 101
Williamsport, PA 17701-6448

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

When processing road salt, the permittee shall lower the discharge end of the stacking conveyor to the lowest minimum drop height practical above the stockpile to control the potential particulate matter emissions.

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

The loading, unloading, conveying and stockpiling of RAP as part of the railcar loading operation of Source ID P107 is subject to 40 CFR Part 60, Subpart OOO, Sections 60.670 through 60.676. The permittee shall comply with all applicable requirements of 40 CFR Part 60, subpart OOO for the above RAP processing activity associated with Source ID P107.

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

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

Source P107 is a limestone aggregate, coal, and road salt railcar loading/unloading operation comprised of a railcar shaker, a dump hopper, a 42"x201' channel frame belt conveyor and a 42"x170' telescoping stacking conveyor. The particulate matter emissions from which, when processing aggregate or coal, shall be controlled by a water spray dust suppression system (Control Device C01) which incorporates 1 spray nozzle at the receiving end of the channel frame conveyor, 1 spray nozzle at the discharge end of the channel frame conveyor, and 1 spray nozzle at the discharge end of the stacking conveyor. Control Device C01 shall be equipped with strainers to prevent nozzle plugging.

The channel frame conveyor shall have an enclosed chute connecting the discharge end of the channel frame conveyor to the receiving end of the stacking conveyor to control fugitive particulate matter at all times. The chute shall extend up the stacking conveyor for at least 8'.

The feeder area (the area where the underground hopper discharges material onto the channel frame conveyor) shall be enclosed with curtains made of material heavy and durable enough to control fugitive particulate matter from the feeder area at all times.

Additional dust suppression spray nozzles may be added to Control Device C01 at any time, but none of the nozzles identified above may be omitted, deleted or removed without prior Department approval.

Any of the above equipment, with the exception of the air pollution control devices, can be replaced without obtaining plan approval provided that the replacement equipment is of equal or smaller size as defined in Subpart OOO of the Federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.670-60.676, and provided that the replacement equipment is of equivalent design and function (i.e., an impact crusher may be replaced with an impact crusher, etc.). The permittee shall notify the Department prior to the replacement.

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

Source ID P107 also includes loading, unloading, conveying and stockpiling of RAP and asbestos-free shingles as part of the railcar loading/unloading operation. The permittee shall comply with fugitive emission limitations of 25 Pa. Code Sections 123.1 and 123.2.

014 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Applicability and designation of affected facility.**

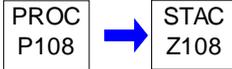
The hoppers and conveyors incorporated in Source ID P107 are subject to Subpart OOO of the federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.670 through 60.676. The permittee shall comply with all applicable requirements of this Subpart as well as any other applicable Subpart of the Standards of Performance.

**SECTION D. Source Level Requirements**

Source ID: P108

Source Name: OIL/LIQUID ASPHALT STORAGE OPERATION

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

The permittee shall maintain comprehensive and accurate records of the following:

- (a) The amount of liquid asphalt transferred to each tank each month.
 - (b) The amount of liquid asphalt transferred from each tank each month.
 - (b) The amount of any material, other than liquid asphalt transferred to or from, each tank each month.
- These records shall be retained for a minimum of five years and shall be made available to the Department upon request.

**# 002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.116b]
Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984
Monitoring of operations.**

The permittee shall maintain comprehensive and accurate records showing the dimensions of each storage tank incorporated in Source P108 and an analysis showing the capacity of each storage tank. These records shall be retained for the life of the respective storage tank and be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

The storage tanks incorporated in the oil/liquid asphalt operation (Source P108) shall not be used to store any material other than liquid asphalt nor shall any material ever be stored in the storage tank which has a vapor pressure in excess of 1.5 pounds per square inch under actual storage conditions.

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

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

Source P108 is a liquid asphalt storage facility comprised of two liquid asphalt storage tanks, each 4,800,000 gallon (114,285 barrel) capacity, a two-bay truck loading rack and a six-station railcar unloading rack.

005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.110b]**Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984****Applicability and designation of affected facility.**

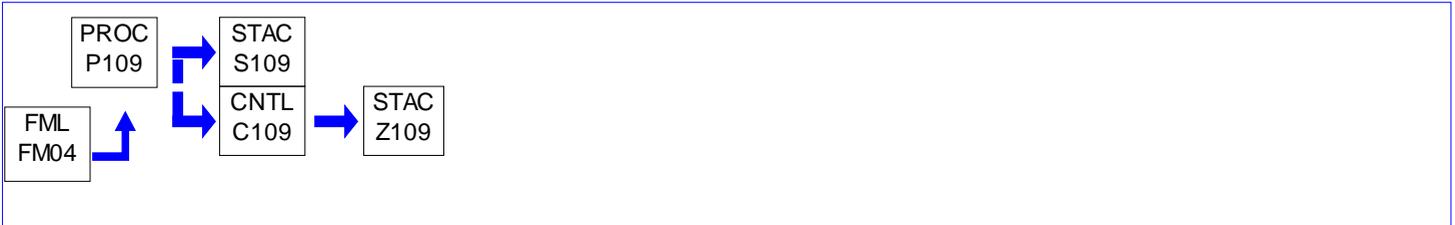
The 4,800,000 gallon and 4,800,000 gallon storage tanks incorporated in the oil/liquid asphalt operation (Source P108) are subject to Subpart Kb of the federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.110b through 60.117b. The permittee shall comply with all applicable requirements of this Subpart as well as any other applicable Subpart of the Standards of Performance.

SECTION D. Source Level Requirements

Source ID: P109

Source Name: KOLBERG PORTABLE CRUSHING AND SCREENING PLANT

Source Capacity/Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.21]

General

The permittee shall not permit the emission of sulfur oxides from the Cummins diesel engine incorporated in Source P109 into the outdoor atmosphere in such a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

- (a) The nitrogen oxides (NO_x, expressed as NO₂) emissions from the Cummins diesel engine incorporated in Source ID P109 shall not exceed 3.60 grams per kilowatt-hour and 2.36 pounds per hour.
- (b) The carbon monoxide emissions from the Cummins diesel engine incorporated in Source ID P109 shall not exceed 0.90 grams per kilowatt-hour and 0.59 pounds per hour.
- (c) The non-methane hydrocarbon emissions from the Cummins diesel engine incorporated in Source ID P109 shall not exceed 0.20 grams per kilowatt-hour and 0.13 pounds per hour.
- (d) The sulfur oxides (SO_x, expressed as SO₂) emissions from the Cummins diesel engine incorporated in Source ID P109 shall not exceed 1.25 grams per kilowatt-hour and 0.82 pounds per hour.
- (e) The particulate matter and PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) emissions from the Cummins diesel engine incorporated in Source ID P109 shall not exceed 0.10 grams per kilowatt-hour and 0.07 pounds per hour.

Compliance with the particulate matter limitations specified herein ensures compliance with 25 Pa. Code § 123.13.

003 [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.

The permittee shall not cause fugitive emissions to be discharged into the atmosphere from the Kolberg impact crusher incorporated in Source ID P109 which exceed the opacity standards specified in 40 CFR § 60.672(c).

The permittee shall not cause fugitive emissions to be discharged into the atmosphere from any belt conveyor transfer point or any other affected source incorporated in Source ID P109 which exceed the opacity standards specified in 40 CFR § 60.672(b).

Fuel Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The Cummins diesel engine incorporated in Source P109 shall only be fired on virgin diesel fuel with a maximum sulfur content of 0.3% (by weight) and to which no recycled/reprocessed oil or waste oil or other waste materials have been added.

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

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

The Cummins diesel engine incorporated in the Kolberg portable crushing and screening plant (Source P109) shall not be operated more than 2,000 hours in any 12-consecutive month period.

II. TESTING REQUIREMENTS.**# 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]****Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Test methods and procedures.**

The permittee shall comply, for the subject sources of Source ID P109, with all applicable testing requirements specified in 40 CFR 60.675(c)(1).

007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Test methods and procedures.**

[Additional authority for this condition is derived from 40 CFR § 60.675(a)]

In conducting the performance tests required in 40 CFR § 60.8, the permittee shall use reference methods and procedures the test methods in appendix A of 40 CFR Part 60 or other methods and procedures as specified in 40 CFR § 60.675, except as provided in 40 CFR § 60.8(b). Acceptable alternative methods and procedures are given in 40 CFR § 60.675(e).

The permittee need not, however, perform stack testing or opacity testing on Source ID P109 unless specifically requested to do so by the Department or the Environmental Protection Agency.

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

The permittee shall maintain comprehensive and accurate records of the number of hours the Cummins diesel engine incorporated in Source ID P109 each month.

These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

The permittee shall submit semiannual reports of the number of hours the Cummins diesel engine incorporated in Source ID P109 is operated each month.

The semiannual reports shall be submitted to the Department by no later than September 1 (for the immediately-preceding July 1 through June 30 twelve consecutive month period) and March 1 (for the immediately preceding January 1 through December 31 twelve consecutive month period).

010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Reporting and recordkeeping.**

**SECTION D. Source Level Requirements**

The submission of all requests, reports, application submittals, and other communications required by the Standards of Performance for New Stationary Sources (Nonmetallic Mineral Processing Plants, 40 CFR Sections 60.670-60.676 and General Provisions, 40 CFR Sections 60.1-60.19) must be made to both the U.S. Environmental Protection Agency and the Pennsylvania Department of Environmental Protection. The copies may be sent to:

Director
Air Protection Division (3APOO)
U.S. EPA, Region III
1650 Arch Street
11th Floor
3WC22
Philadelphia, PA 19103-2029

and

The Pennsylvania Department of Environmental Protection
Air Quality Program Manager
208 W. Third Street, Suite 101
Williamsport, PA 17701-6448

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source ID P109 shall not be operated without the simultaneous operation of Control Device ID C109, except in those unusual instances where conditions are such that operation of the source(s) without the simultaneous operation of Control Device ID C109 can take place without creating visible fugitive air contaminant emissions in excess of the limitations specified in any applicable Department rule or regulation or in Subpart OOO of the federal Standards of Performance for New Stationary Sources, 40 CFR §§ 60.670 through 60.676. If, however, Control Device ID C109 is incapable of operation due to weather conditions or any other reason the respective source(s) may not be operated at all.

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

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

Control Device ID C109 shall be connected to an on-demand water source capable of delivering an adequate supply of water at any time any of the respective sources is in operation. On-demand shall be interpreted as meaning that adequate water can be provided to all spray nozzles at any time with no more effort than turning a valve. If at any time the water source cannot deliver an adequate supply of water to properly operate the water spray dust suppression system, the permittee shall immediately cease plant operation.

VII. ADDITIONAL REQUIREMENTS.

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

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

Source ID P109 is a Kolberg FT4250 portable crushing and screening plant which incorporates a 6 cubic yard hopper with vibrating feeder, a 400 ton per hour Kolberg impact crusher, a 48" under-crusher conveyor, a 5'x 12' single deck screen, two 24" conveyors (which comprise the over-size recirculating loop), two 24" side delivery conveyors and a 48" end delivery conveyor, the particulate matter emissions from which shall be controlled by a wet suppression system (Control Device ID

SECTION D. Source Level Requirements

C109) which incorporates spray nozzles at the inlet and the outlet of the crusher, at the screen inlet and at the discharge of the 48" end delivery conveyor. Control Device ID C109 shall be equipped with stainers to prevent nozzle plugging. Source ID P109 also incorporates a 400 horsepower (298 kilowatt) Cummins model QSM11-C diesel engine.

Additional dust suppression spray nozzles may be added to Control Device ID C109 at any time, but none of the nozzles identified above may be omitted, deleted or removed without prior Department approval.

Any of the above equipment, with the exception of the air pollution control devices and the diesel engine, can be replaced without obtaining plan approval provided that the replacement equipment is of equal or smaller size as defined in Subpart 000 of the Federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.670-60.676, and provided that the replacement equipment is of equivalent design and function (i.e., an impact crusher may be replaced with an impact crusher, etc.). The permittee shall notify the Department prior to the replacement.

014 [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.**

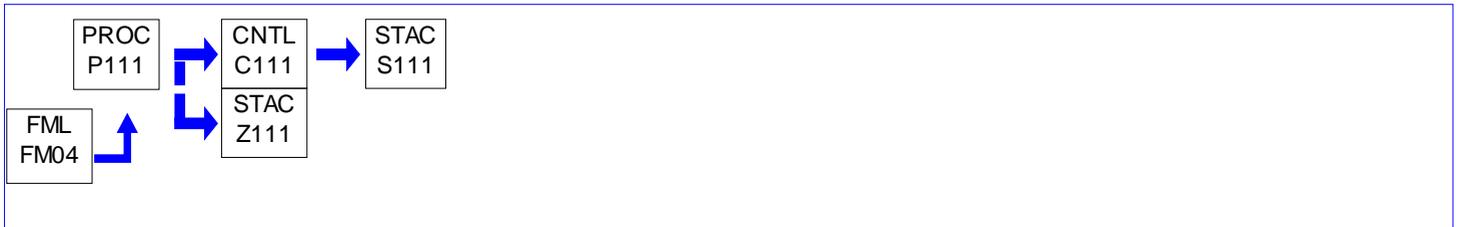
The crusher, screen and conveyors incorporated in Source ID P109 are subject to Subpart 000 of the federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.670 through 60.676. The permittee shall comply with all applicable requirements of this Subpart as well as any other applicable Subpart of the Standards of Performance.

SECTION D. Source Level Requirements

Source ID: P111

Source Name: NORDBERG PORTABLE CRUSHING PLANT

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.21]****General**

The permittee shall not permit the emission of sulfur oxides from the 2004 vintage, 425 horsepower (317 kilowatts) Caterpillar diesel engine incorporated in Source P111 into the outdoor atmosphere in such a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

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

The emission of air contaminants from the 2004 vintage, 425 horsepower (317 kilowatts) Caterpillar diesel engine incorporated in the Nordberg portable crushing plant (Source P111) shall not exceed the following limitations:

- Nitrogen oxides and non methane hydrocarbons (NO_x + NMHC) - 4.10 grams per horsepower hour and 3.84 pounds per hour.
- Carbon monoxide - 1.10 grams per horsepower hour and 1.03 pounds per hour.
- Particulate matter/PM-10 - 0.11 grams per horsepower hour and 0.10 pounds per hour.

Compliance with the particulate matter limitations specified herein ensures compliance with 25 Pa. Code Section 123.13. Additionally, compliance with the air contaminant limitations specified herein ensures compliance with 40 CFR Section 89.112.

003 [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.**

The permittee shall not cause fugitive emissions to be discharged into the atmosphere from the Nordberg impact crusher incorporated in Source P111 which exceed the opacity standards specified in 40 CFR § 60.672(c).

The permittee shall not cause fugitive emissions to be discharged into the atmosphere from any belt conveyor transfer point or any other affected source incorporated in Source P111 which exceed the opacity standards specified in 40 CFR § 60.672(b).

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

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

The 2004 vintage, 425 horsepower (317 kilowatts) Caterpillar diesel engine incorporated in the Nordberg portable crushing plant (Source P111) shall only be fired on virgin diesel fuel with a maximum sulfur content of 0.3% (by weight) and to which no recycled/reprocessed oil or waste oil or other waste materials have been added.

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

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

The 2004 vintage, 425 horsepower (317 kilowatts) Caterpillar diesel engine incorporated in the Nordberg portable crushing plant (Source P111) shall not be operated more than 1,500 hours in any 12 consecutive month period.

II. TESTING REQUIREMENTS.**# 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]****Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Test methods and procedures.**

The permittee shall comply, for the subject sources of Source P111, with all applicable testing requirements specified in 40 CFR 60.675(c)(1).

007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Test methods and procedures.**

[Additional authority for this condition is derived from 40 CFR § 60.675(a)]

In conducting the performance tests required in 40 CFR § 60.8, the permittee shall use reference methods and procedures the test methods in appendix A of 40 CFR Part 60 or other methods and procedures as specified in 40 CFR § 60.675, except as provided in 40 CFR § 60.8(b). Acceptable alternative methods and procedures are given in 40 CFR § 60.675(e).

The permittee need not, however, perform stack testing or opacity testing on Source P111 unless specifically requested to do so by the Department or the Environmental Protection Agency.

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

The permittee shall maintain comprehensive and accurate records of the number of hours the Caterpillar diesel engine incorporated in Source P111 is operated each month.

These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

The permittee shall submit semiannual reports of the number of hours the Caterpillar diesel engine incorporated in Source P111 is operated each month.

The semiannual reports shall be submitted to the Department by no later than September 1 (for the immediately-preceding July 1 through June 30 twelve consecutive month period) and March 1 (for the immediately preceding January 1 through December 31 twelve consecutive month period).

010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Reporting and recordkeeping.**

The submission of all requests, reports, application submittals, and other communications required by the Standards of

**SECTION D. Source Level Requirements**

Performance for New Stationary Sources (Nonmetallic Mineral Processing Plants, 40 CFR Sections 60.670-60.676 and General Provisions, 40 CFR Sections 60.1-60.19) must be made to both the U.S. Environmental Protection Agency and the Pennsylvania Department of Environmental Protection. The copies may be sent to:

Director
Air Protection Division (3APOO)
U.S. EPA, Region III
1650 Arch Street
11th Floor
3WC22
Philadelphia, PA 19103-2029

and

The Pennsylvania Department of Environmental Protection
Air Quality Program Manager
208 W. Third Street, Suite 101
Williamsport, PA 17701-6448

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

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

The water spray dust suppression system (Control Device C111) controlling the particulate matter emissions from the Nordberg portable crushing plant (Source P111) shall be equipped with strainers to prevent nozzle plugging.

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

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

The water spray dust suppression system (Control Device C111) shall be connected to an on-demand water source capable of delivering an adequate supply of water at any time any of the Nordberg portable crushing plant (Source P111) is in operation. On-demand shall be interpreted as meaning that adequate water can be provided to all spray nozzles at any time with no more effort than turning a valve. If at any time the water source cannot deliver an adequate supply of water to properly operate the water spray dust suppression system, the permittee shall immediately cease plant operation.

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

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

The Nordberg portable crushing plant (Source P111) shall not be operated without the simultaneous operation of the water spray dust suppression system (Control Device C111), except in those unusual instances where conditions are such that operation of the portable crushing plant without the simultaneous operation of the water spray dust suppression system can take place without creating visible fugitive air contaminant emissions in excess of the limitations specified in any applicable Department rule or regulation or in Subpart OOO of the federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.670 through 60.676. If, however, the water spray dust suppression system is incapable of operation due to weather conditions or any other reason the portable crushing plant may not be operated at all.

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

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

Source P111 is a Nordberg portable crushing plant which incorporates a 6 cubic yard hopper with vibrating feeder, a 400 ton

SECTION D. Source Level Requirements

per hour Nordberg NP1213M impact crusher, a 47"x43' main discharge belt conveyor and a 18"x10' side discharge conveyor, the particulate matter emissions from which shall be controlled by a wet suppression system (Control Device C111) which incorporates spray nozzles at the discharge of the vibrating feeder, at the discharge of the crusher and at the discharge of the main discharge conveyor. Control Device C111 shall be equipped with strainers to prevent nozzle plugging. Source P111 also incorporates a 425 horsepower (317 kilowatt) Caterpillar model C-12 diesel engine.

Additional dust suppression spray nozzles may be added to Control Device C111 at any time, but none of the nozzles identified above may be omitted, deleted or removed without prior Department approval.

Any of the above equipment, with the exception of the air pollution control devices and the diesel engine, can be replaced without obtaining plan approval provided that the replacement equipment is of equal or smaller size as defined in Subpart 000 of the Federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.670-60.676, and provided that the replacement equipment is of equivalent design and function (i.e., an impact crusher may be replaced with an impact crusher, etc.). The permittee shall notify the Department prior to the replacement.

015 [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.**

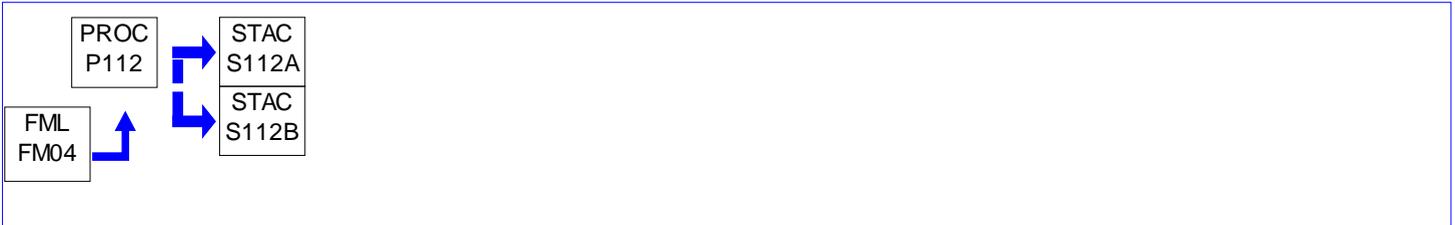
The limestone handling equipment incorporated in the Nordberg portable crushing plant (Source P111) is subject to Subpart 000 of the federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.670 through 60.676. The permittee shall comply with all applicable requirements of this Subpart as well as any other applicable Subpart of the Standards of Performance.

SECTION D. Source Level Requirements

Source ID: P112

Source Name: TWO GODWIN WATER PUMPS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.21]****General**

The permittee shall not permit the emission of sulfur oxides from either of the diesel engines incorporated in Source P112 into the outdoor atmosphere in such a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

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

The emission of air contaminants from the 2002 vintage, 105 horsepower (78.5 kilowatts) Caterpillar diesel engine incorporated in the first of two Godwin water pumps (Source P112) shall not exceed the following limitations:

- a. Nitrogen oxides (NO_x, expressed as NO₂) - 4.20 grams per horsepower hour and 0.97 pounds per hour.
- b. Carbon monoxide - 3.03 grams per horsepower hour and 0.70 pounds per hour.
- c. Particulate matter/PM-10 - 0.20 grams per horsepower hour and 0.05 pounds per hour.

Compliance with the particulate matter limitations specified herein ensures compliance with 25 Pa. Code Section 123.13. Additionally, compliance with the nitrogen oxides limitations specified herein ensures compliance with 40 CFR Section 89.112.

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

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

The emission of air contaminants from the 2006 vintage, 115 horsepower (82 kilowatts) John Deere diesel engine incorporated in the second of two Godwin water pumps (Source P112) shall not exceed the following limitations:

- a. Nitrogen oxides and non methane hydrocarbons (NO_x + NMHC) - 5.52 grams per horsepower hour and 1.40 pounds per hour.
- b. Carbon monoxide - 3.70 grams per horsepower hour and 0.94 pounds per hour.
- c. Particulate matter/PM-10 - 0.20 grams per horsepower hour and 0.05 pounds per hour.

Compliance with the particulate matter limitations specified herein ensures compliance with 25 Pa. Code § 123.13. Additionally, compliance with the air contaminant limitations specified herein ensures compliance with 40 CFR Section 89.112.

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

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

The 105 horsepower Caterpillar diesel engine and the 115 horsepower John Deere diesel engine incorporated in the two Godwin water pumps (Source P112) shall only be fired on virgin diesel fuel with a maximum sulfur content of 0.3% (by

**SECTION D. Source Level Requirements**

weight) and to which no recycled/reprocessed oil or waste oil or other waste materials have been added.

Operation Hours Restriction(s).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The 105 horsepower Caterpillar diesel engine and the 115 horsepower John Deere diesel engine incorporated in the two Godwin water pumps (Source P112) shall each not be operated more than 2,000 hours in any 12 consecutive month period.

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.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain comprehensive and accurate records of the number of hours the 105 horsepower Caterpillar diesel engine and the 115 horsepower John Deere diesel engine incorporated in the two Godwin water pumps (Source P112) are operated each month.

These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall submit semiannual reports of the number of hours the 105 horsepower Caterpillar diesel engine and the 115 horsepower John Deere diesel engine incorporated in the two Godwin water pumps (Source P112) are operated each month.

The semiannual reports shall be submitted to the Department by no later than September 1 (for the immediately-preceding July 1 through June 30 twelve consecutive month period) and March 1 (for the immediately preceding January 1 through December 31 twelve consecutive month period).

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

Source P112 is comprised of two 3,200 gallon per minute, 8" Godwin CD225M Dri-Prime water pumps. The first of the two

SECTION D. Source Level Requirements

water pumps incorporates a 2002 vintage, 105 horsepower (78.5 kilowatts) Caterpillar model 3054C diesel engine and the second of the two water pumps incorporates a 2006 vintage, 115 horsepower (82 kilowatts) John Deere diesel engine.

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

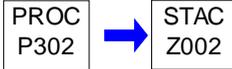
The 2002 vintage, 105 horsepower (78.5 kilowatts) Caterpillar diesel engine and the 2006 vintage, 115 horsepower (82 kilowatts) John Deere diesel engine incorporated in the two Godwin water pumps (Source P112) shall comply with all applicable requirements specified in 40 CFR Part 89.

SECTION D. Source Level Requirements

Source ID: P302

Source Name: SAFETY KLEEN PARTS WASHER

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The maximum amount of cleaning solvent to be used in the parts cleaner shall not exceed 35 gallons in any 12 consecutive month period.

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 §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of the amount of solvent used in the parts cleaner each month and the corresponding 12 consecutive month totals.

These records shall be retained for a minimum of five years and be presented to the Department upon request.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.63]

The permittee shall keep onsite up-to-date Certified Product Data Sheets (CPDSs) or Material Safety Data Sheets (MSDSs) that accurately identify the volatile organic compound (VOC) and hazardous air pollutant (HAP) content of all solvents used in Source ID P302.

004 [25 Pa. Code §129.63]

Degreasing operations

The permittee shall maintain for a minimum of five (5) years and present to the Department upon request the following information:

- (1) The name and address of the solvent supplier,
- (2) The type of solvent including the product or vendor identification number,
- (3) The vapor pressure of the solvent measured in millimeters of mercury (mm Hg) at 68 degrees Fahrenheit.

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

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

VI. WORK PRACTICE REQUIREMENTS.**# 005 [25 Pa. Code §129.63]****Degreasing operations**

Parts washer of Source ID P302 shall be operated in accordance with the following procedures:

- (1) Waste solvent shall be collected and stored in a closed container. The closed container may contain a device that allows pressure relief, but does not allow liquid solvent to drip from the container.
- (2) 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.
- (3) Sponges, fabric, wood, leather, paper products, and other absorbent materials may not be cleaned in the cold cleaning machine.
- (4) Air agitated solvent baths may not be used.
- (5) Spills during solvent transfer and use of cold cleaning machine shall be cleaned up immediately.

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

Source ID P302 is subject to 25 Pa. Code Section 129.63(a) (Degreasing Operations - Cold Cleaning Machines). The permittee shall comply with all applicable requirements specified in 25 Pa. Code Section 129.63(a).

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

Source ID P302 consists of a Safety Kleen model 30 parts cleaner.

008 [25 Pa. Code §129.63]**Degreasing operations**

Parts washer of Source ID P302 shall have a permanent, conspicuous label summarizing all required operating procedures specified in Condition #005 for Source ID P302. In addition, the label shall include the following discretionary good operating practices:

- (1) 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.
- (2) During the draining, tipping, or rotating, the parts should be positioned so that solvent drains directly back to the cold cleaning machine.
- (3) Work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.

**SECTION D. Source Level Requirements**

Source ID: P303

Source Name: MCCLOSKEY CRUSHER UNIT

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.21]****General**

The permittee shall not permit the emission of sulfur oxides from the Caterpillar diesel engine incorporated in Source P303 into the outdoor atmosphere in such a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

- (a) The total combined emissions of nitrogen oxides (NO_x, expressed as NO₂) and non-methane hydrocarbon from the Caterpillar diesel engine incorporated in Source ID P303 shall not exceed 4.0 grams per kilowatt-hour.
- (b) The carbon monoxide emissions from the Caterpillar diesel engine incorporated in Source ID P303 shall not exceed 3.5 grams per kilowatt-hour.
- (c) The particulate matter and PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) emissions from the Caterpillar diesel engine incorporated in Source ID P303 shall not exceed 0.20 grams per kilowatt-hour.

Compliance with the particulate matter limitations specified herein ensures compliance with 25 Pa. Code § 123.13.

003 [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.**

The permittee shall not cause fugitive emissions to be discharged into the atmosphere from the McCloskey crusher incorporated in Source ID P303 which exceed the opacity standards specified in 40 CFR § 60.672(c).

The permittee shall not cause fugitive emissions to be discharged into the atmosphere from any belt conveyor transfer point or any other affected source incorporated in Source ID P303 which exceed the opacity standards specified in 40 CFR § 60.672(b).

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

[Additional authority for this permit condition is derived from 40 CFR 60.4207]

The Caterpillar diesel engine incorporated in Source P303 shall only be fired on virgin diesel fuel with a maximum sulfur content of 15 ppm and to which no recycled/reprocessed oil or waste oil or other waste materials have been added.

Operation Hours Restriction(s).**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the permittee requesting an elective restriction]

The McCloskey crusher and associated Caterpillar C13 engine (Source P303) shall not be operated more than 1,000 hours in any 12-consecutive month period.

**SECTION D. Source Level Requirements****II. TESTING REQUIREMENTS.****# 006 [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.**

The permittee shall comply, for the subject sources of Source ID P303, with all applicable testing requirements specified in 40 CFR 60.675(c)(1).

III. MONITORING REQUIREMENTS.

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

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

The permittee shall maintain comprehensive and accurate records of the number of hours the McCloskey crusher and the Caterpillar diesel engine operated in Source ID P303 each month.

These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 008 [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.**

The submission of all requests, reports, application submittals, and other communications required by the Standards of Performance for New Stationary Sources (Nonmetallic Mineral Processing Plants, 40 CFR Sections 60.670-60.676 and General Provisions, 40 CFR Sections 60.1-60.19) must be made to both the U.S. Environmental Protection Agency and the Pennsylvania Department of Environmental Protection. The copies may be sent to:

Director
Air Protection Division (3APOO)
U.S. EPA, Region III
1650 Arch Street
11th Floor
3WC22
Philadelphia, PA 19103-2029

and

The Pennsylvania Department of Environmental Protection
Air Quality Program Manager
208 W. Third Street, Suite 101
Williamsport, PA 17701-6448

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

Source ID P303 shall not be operated without the simultaneous operation of Control Device ID C303, except in those unusual instances where conditions are such that operation of the source(s) without the simultaneous operation of Control Device ID C303 can take place without creating visible fugitive air contaminant emissions in excess of the limitations specified in any applicable Department rule or regulation or in Subpart 000 of the federal Standards of Performance for New Stationary Sources, 40 CFR §§ 60.670 through 60.676. If, however, Control Device ID C303 is incapable of operation

**SECTION D. Source Level Requirements**

due to weather conditions or any other reason the respective source(s) may not be operated at all.

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

Source ID P303 is a McCloskey model i54 track mounted crusher (440 tons per hour capacity) with associated Caterpillar model C13 (425 horsepower) diesel fired engine.

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

The particulate matter emissions from Source ID P303 shall be controlled by a wet suppression system (control device ID C303) provided by the manufacturer. Additional spray nozzles may be added at any time, but none of the nozzles provided by the manufacturer may be omitted, deleted or removed without prior Department approval.

012 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****Am I subject to this subpart?**

The Caterpillar engine associated with McCloskey crusher of Source ID P303 is subject to Subpart IIII of the Federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.4200 through 60.4219. The permittee shall comply with all applicable requirements of this Subpart as well as any other applicable Subpart of the Standards of Performance.

013 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Applicability and designation of affected facility.**

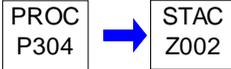
The crusher and conveyors incorporated in Source ID P303 are subject to Subpart OOO of the federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.670 through 60.676. The permittee shall comply with all applicable requirements of this Subpart as well as any other applicable Subpart of the Standards of Performance.

**SECTION D. Source Level Requirements**

Source ID: P304

Source Name: ASPHALT STORAGE TANK

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

The permittee shall keep records of the type of solvent or fuel stored in Source ID P304 and shall maintain documentation from the supplier/manufacturer (e.g., certified product data sheets) that certifies the vapor pressure of the asphalt cement stored in the storage tank.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

The permittee shall only store oxidized asphalt in Source ID P304 which shall have a vapor pressure of less than 1.5 pound per square inch absolute (psia) under actual storage conditions.

VII. ADDITIONAL REQUIREMENTS.

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

Source ID P304 and associated equipment including vertical fixed roof shall be constructed, operated and maintained as per the manufacturer's specification and recommendation.

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

Source ID P304 consists of an aboveground oxidized asphalt storage tank with 2,400,000 gallons capacity. The storage tank was constructed via RFD approved on December 15, 2017.



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.



SECTION F. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.

**SECTION G. Miscellaneous.**

The following air contaminant sources are considered to be insignificant with regards to air contaminant emissions and have been determined to be exempt from permit requirements. However, this determination does not exempt the sources from compliance with all applicable State and Federal regulations and all applicable air quality regulations specified in 25 Pa. Code Chapters 121-143:

- (a) a Landa Inc. model OHW4-300 21C diesel fired pressure washer with a heat input capacity of 0.28 MMBtu/hr and a firing rate of 2 GPH.
- (b) aboveground storage tanks:
 - (i) one 300 gallon storage tank of 80W-140 gear oil
 - (ii) one 300 gallon storage tank of SAE 50 wt. oil
 - (iii) one 275 gallon storage tank of SAE 30 wt. oil
 - (iv) one 500 gallon storage tank of 10 wt. hyd. oil
 - (v) one 500 gallon storage tank of 15W40 engine oil
 - (vi) three 275 gallon storage tanks of antifreeze
- (c) lab ovens for drying aggregate
 - (i) a Frigidaire 4 burner house type propane gas stove model mpf311sbwb. The 4 top burners have a heat input capacity of 7500 Btu/hr each.
 - (ii) a Tappan 4 burner house type propane gas stove model mp300phwc. The 4 top burners have a heat input capacity of 7500 Btu/hr each.



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