



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM

**STATE ONLY SYNTHETIC MINOR OPERATING PERMIT**

Issue Date: January 12, 2024

Effective Date: January 12, 2024

Expiration Date: January 11, 2029

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: 60-00017**

Synthetic Minor

Federal Tax Id - Plant Code: 23-1374051-49

**Owner Information**

Name: NEW ENTERPRISE STONE & LIME CO INC

Mailing Address: 3912 BRUMBAUGH RD  
NEW ENTERPRISE, PA 16664-9137

**Plant Information**

Plant: NEW ENTERPRISE STONE & LIME LEWISBURG QRY

Location: 60 Union County 60903 Buffalo Township

SIC Code: 1422 Mining - Crushed And Broken Limestone

**Responsible Official**

Name: MICHAEL A CLARK

Title: VP PRODUCTION SERVICES

Phone: (814) 766 - 2211

Email: mclark@nesl.com

**Permit Contact Person**

Name: GREG WILLI

Title: GEO-ENV SPECIALIST

Phone: (717) 504 - 6286

Email: gwilli@nesl.com

[Signature] \_\_\_\_\_

MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



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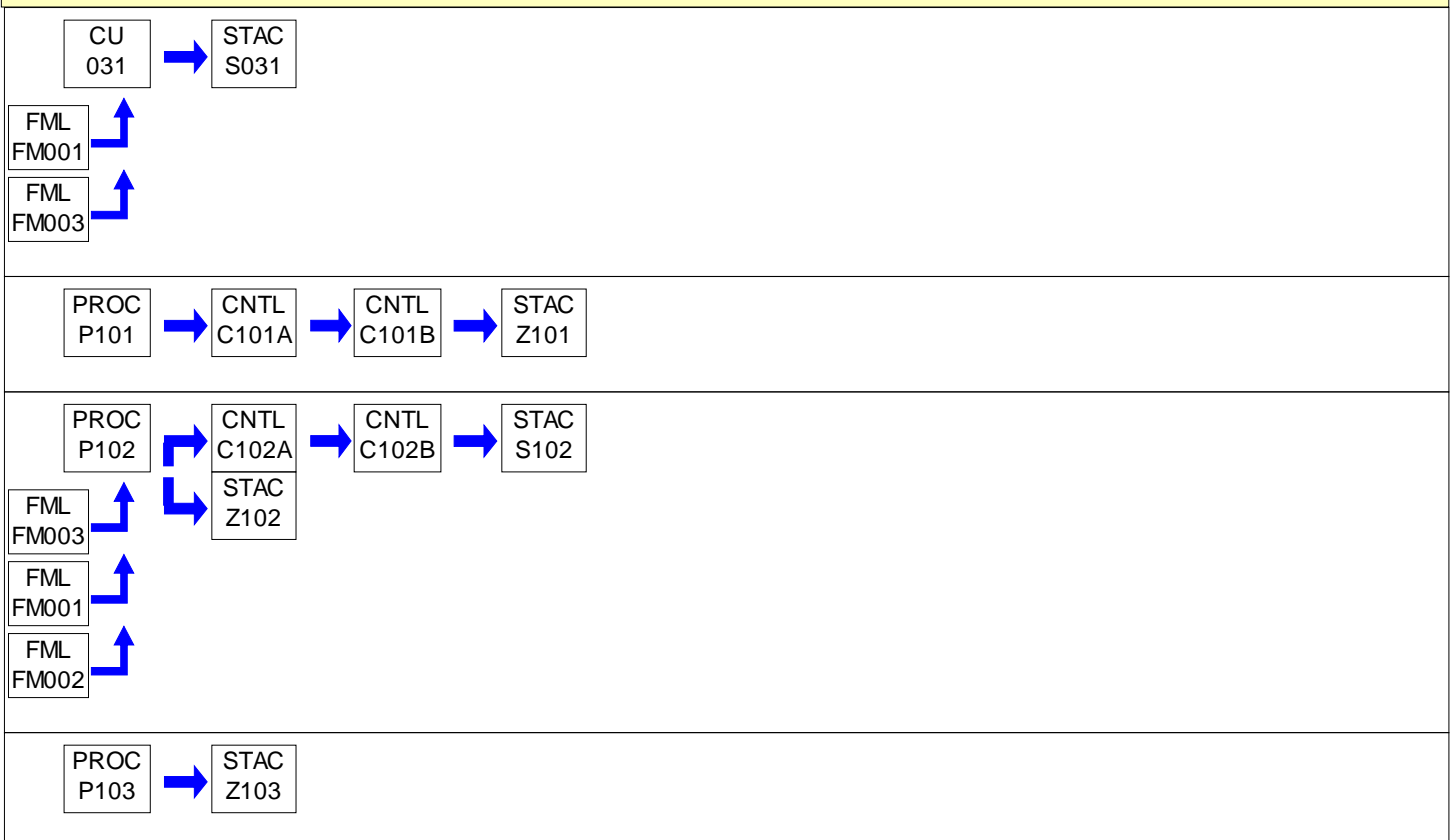
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	HOT OIL HEATER		
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P102	DRUM MIX ASPHALT PLANT		
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C101A	PRIMARY WATER SPRAY DUST SUPPRESSION SYSTEM		
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C102A	KNOCKOUT BOX		
C102B	FABRIC COLLECTOR		
FM001	VIRGIN #2 FUEL OIL		
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**PERMIT MAPS**

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

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

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

(a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.

(b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

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

(a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.

(b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

(c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.

(d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.

(e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).

(f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

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

(a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.

(1) For a synthetic minor facility, a fee equal to:

(i) Four thousand dollars (\$4,000) for calendar years 2021—2025.

(ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.

(iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

(2) One ton of NO<sub>x</sub> from a single source during the term of the permit and 5 tons of NO<sub>x</sub> 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 PM<sub>10</sub> from a single source during the term of the permit and 3.0 tons of PM<sub>10</sub> 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 B. General State Only Requirements****#023 [25 Pa. Code §135.3]****Reporting**

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

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

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

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

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

No person may permit the emission into the outdoor atmosphere of fugitive air contaminants from a source other than the following:

- (1) Construction or demolition of buildings or structures,
- (2) Grading, paving and maintenance of roads and streets,
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets,
- (4) Clearing of land,
- (5) Stockpiling of materials,
- (6) Open burning operations,
- (7) 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,
- (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**

A person may 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 person's property.

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

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

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

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

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

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

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

- (1) The total combined carbon monoxide emissions from all sources located at this facility shall not equal or exceed 100 tons in any 12 consecutive month period.
- (2) The total combined sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emissions from all sources located at this facility shall not equal or exceed 100 tons in any 12 consecutive month period.
- (3) The total combined volatile organic compound emissions from all sources located at this facility shall not equal or exceed 50 tons in any 12 consecutive month period.

**SECTION C. Site Level Requirements****Fuel Restriction(s).****# 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]

- (1) The only fuels that shall be used at this facility are natural gas, virgin #2 fuel oil and recycled/reprocessed oil.
- (2) The total combined virgin #2 fuel oil and recycled/reprocessed oil consumption at the facility shall not exceed 1,995,200 gallons in any 12 consecutive month period.
- (3) The sulfur content of the virgin #2 fuel oil shall not exceed 0.0015% by weight (15 ppm).
- (4) The sulfur content of the recycled/reprocessed oil shall not exceed 1.0% by weight at any time or 0.5% by weight on an annual average basis.
- (5) The virgin #2 fuel oil delivered to the facility shall not contain any recycled or reprocessed oil, waste oil or other waste materials.

**II. TESTING REQUIREMENTS.****# 007 [25 Pa. Code §139.1]****Sampling facilities.**

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

**# 008 [25 Pa. Code §139.11]****General requirements.**

- (1) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.
- (2) As specified in 25 Pa. Code Section 139.11(2), the Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum, all of the following:
  - (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 sampling ports.
  - (d) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of Carbon Monoxide (CO), Carbon Dioxide (CO<sub>2</sub>), Oxygen (O<sub>2</sub>) and Nitrogen (N<sub>2</sub>)), 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.****# 009 [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.

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

The permittee shall obtain from the fuel oil supplier a fuel certification report for each load of virgin #2 fuel oil delivered to the facility which accurately identifies the sulfur content of the load.

**SECTION C. Site Level Requirements**

OR

The permittee shall take a representative composite sample of each load of virgin #2 fuel oil delivered to the facility and have it analyzed for sulfur content.

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

The permittee shall maintain records of the sulfur content of each load of virgin #2 fuel oil delivered to the facility as well as copies of all fuel certification reports or analytical results sheets from which the sulfur content was obtained.

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

The permittee shall maintain comprehensive accurate records of the total combined amount of virgin #2 fuel oil and the total combined amount of recycled/reprocessed oil used as fuel at the entire facility each month ( in gallons) for the previous 12 consecutive month period. All records generated pursuant to this condition shall be retained for at least five years and shall be made available to the Department upon request.

**# 013 [25 Pa. Code §135.5]****Recordkeeping**

The permittee shall maintain such records, including computerized records, as may be necessary to comply with Sections 135.3 and 135.21. 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 five (5) years and shall be made available to the Department upon request.

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

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

**# 015 [25 Pa. Code §127.442]****Reporting requirements.**

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

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

(c) The report shall describe the following:

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

**SECTION C. Site Level Requirements**

6. corrective actions or preventative measures taken.

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

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

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

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

**# 016 [25 Pa. Code §135.3]****Reporting**

(1) A person who owns or operates a source to which 25 Pa. Code 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.

(2) 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.

(3) 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.****# 017 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall take all reasonable actions for any source specified in (1) through (8) in Condition #001 herein to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

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

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

(3) Paving and maintenance of roadways.

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

**# 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]

(1) An operable water truck equipped with a pressurized water spray mechanism shall be kept onsite and filled with water at all times (except when refilling the truck) that the stone crushing plant (Source P101) is operating.

(2) This water truck shall be used, as needed, for the prevention and control of fugitive air contaminant emissions from plant roadways, stockpiles, etc.





## SECTION C. Site Level Requirements

### VII. ADDITIONAL REQUIREMENTS.

**# 019 [25 Pa. Code §121.7]**

**Prohibition of air pollution.**

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

**# 020 [25 Pa. Code §123.31]**

**Limitations**

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

**# 021 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

This operating permit does not authorize the operation of any fuel burning generators, stationary engines or engine/generator sets.

**# 022 [25 Pa. Code §129.14]**

**Open burning operations**

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

### VIII. COMPLIANCE CERTIFICATION.

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

### IX. COMPLIANCE SCHEDULE.

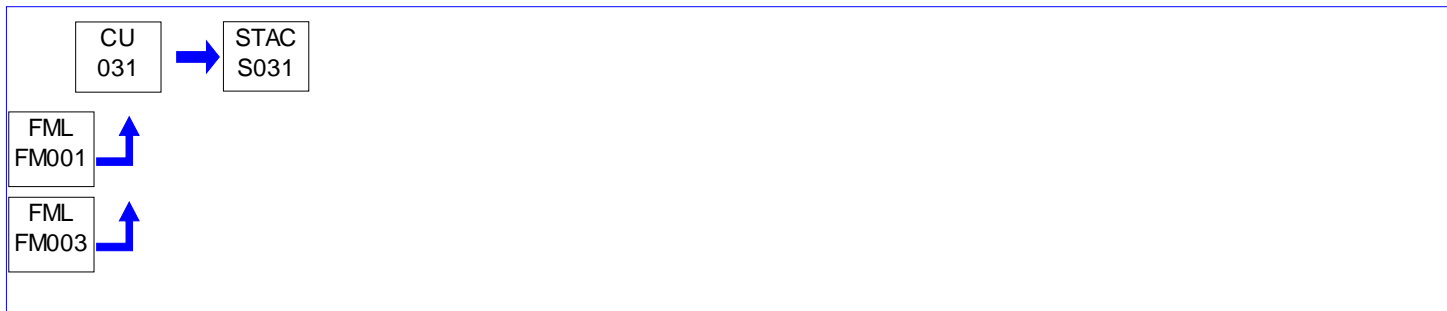
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: HOT OIL HEATER

Source Capacity/Throughput:

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

The permittee shall not permit the emission of particulate matter from Source 031 into the outdoor atmosphere in excess of the rate of 0.4 pounds per million Btu of heat input.

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

The permittee shall not permit the emission of sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) from Source 031 into the outdoor atmosphere in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12 and 25 Pa. Code 123.22(a)(2)]

Source 031 shall only be fired on natural gas or #2 fuel oil, to which no recycled or reprocessed oil, waste oil or other waste materials have been added. In addition, the sulfur content of the #2 fuel oil shall not exceed 0.0015%, 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).

**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.**

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

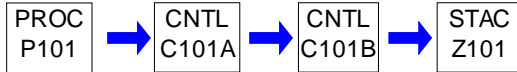
Source 031 is a 2.1 million Btu per hour, natural gas/#2 fuel oil-fired Power Flame model CR-GO-20B hot oil heater.

**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: STONE CRUSHING OPERATION

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.**

As specified in 40 CFR 60.672(b), the following equipment incorporated in Source P101 shall not discharge into the atmosphere any fugitive emissions which exhibit greater than 10 percent opacity.

Facility Item #F1: Deister 52"x24' grizzly feeder  
 Facility Item #C1: Mellott Enterprises, Inc. 42"x32' under crusher conveyor  
 Facility Item #C2: Mellott Enterprises, Inc. 36" x 40' 6" conveyor  
 Facility Item #S1: Deister 5'x12' triple deck screen  
 Facility Item #C3: Mellott Enterprises, Inc. 36"x183' conveyor  
 Facility Item #C4: Mellott Enterprises, Inc. 36"x304' conveyor  
 Facility Item #C5: Mellott Enterprises, Inc. 36"x271' conveyor  
 Facility Item #C6: Mellott Enterprises, Inc. 36"x19' under screen conveyor  
 Facility Item #C7: Mellott Enterprises, Inc. 30"x126' conveyor  
 Facility Item #C8: Mellott Enterprises, Inc. 30"x163' conveyor  
 Facility Item #F2: Syntron MF 200 feeder  
 Facility Item #F3: Syntron MF 200 feeder  
 Facility Item #C9: Mellott Enterprises, Inc. 36" x 379' 5" tunnel conveyor  
 Facility Item #S2: Deister 6'x16' double deck screen  
 Facility Item #F4: Syntron F450 feeder  
 Facility Item #C10: Mellott Enterprises, Inc. 42"x317' conveyor  
 Facility Item #S3: Deister 6'x20' triple deck screen  
 Facility Item #S4: Deister 6'x20' triple deck screen  
 Facility Item #C11: Mellott Enterprises, Inc. 36"x261' conveyor  
 Facility Item #F5: Syntron F440 feeder  
 Facility Item #C12: Mellott Enterprises, Inc. 36"x25' conveyor  
 Facility Item #C13: Mellott Enterprises, Inc. 30"x51' conveyor  
 Facility Item #C14: Mellott Enterprises, Inc. 30"x51' conveyor  
 Facility Item #C15: Mellott Enterprises, Inc. 30"x51' conveyor  
 Facility Item #C16: Mellott Enterprises, Inc. 30"x51' conveyor  
 Facility Item #C17: Mellott Enterprises, Inc. 30"x43' conveyor  
 Facility Item #C19: Mellott Enterprises, Inc. 30"x243' conveyor  
 Facility Item #B3: Mellott Enterprises, Inc. load out bin  
 Facility Item #C21: Mellott Enterprises, Inc. 30"x103' conveyor  
 Facility Item #C22: Mellott Enterprises, Inc. 30"x103' conveyor  
 Facility Item #C23: Mellott Enterprises, Inc. 30"x51' conveyor  
 Facility Item #C24: Mellott Enterprises, Inc. 30"x63' conveyor  
 Facility Item #C25: Mellott Enterprises, Inc. 30"x83' conveyor  
 Facility Item #W1: Eagle 44"x20' coarse material washer  
 Facility Item #C26: Mellott Enterprises, Inc. 30"x103' conveyor  
 Facility Item #C27: Mellott Enterprises, Inc. 30"x63' under screen conveyor  
 Facility Item #S5: Midwest 5'x7' 5 deck wet screen  
 Facility Item #C28: Mellott Enterprises, Inc. 30"x123' radial stacker  
 Facility Item #C29: Mellott Enterprises, Inc. 30"x103' radial stacker  
 Facility Item #C30: Mellott Enterprises, Inc. 30"x103' radial stacker

**SECTION D. Source Level Requirements**

Facility Item #C31: Mellott Enterprises, Inc. 30"x103' radial stacker  
 Facility Item #C32: Mellott Enterprises, Inc. 30"x103' radial stacker  
 Facility Item #C33: Mellott Enterprises, Inc. 30"x103' radial stacker  
 Facility Item #M1: IML 36" SPMX suspended permanent magnet  
 Facility Item #Portable Bin: Portable Recrush Bin 8' wide x 12' long x 6' high  
 Facility Item #Port Con 1: Portable Conveyor #1 30" x 16'  
 Facility Item #Port Con 2: Portable Conveyor #2 30" x 38'  
 Kemper feed hopper and integral 36" x 40' belt conveyor (AB1)

**# 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.**

As specified in 40 CFR 60.672(c), the following equipment incorporated in Source P101 shall not discharge into the atmosphere any fugitive emissions which exhibit greater than 15 percent opacity.

Facility Item #CR1: Nordberg Model No. C125 Primary jaw crusher  
 Facility Item #CR2: Nordberg HP 400 Cone crusher  
 Facility Item #CR3: Canica-Jaques Model 90 Vertical shaft impactor

**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 [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 permittee shall comply with all applicable recordkeeping requirements specified in 40 CFR 60.676.

**V. REPORTING REQUIREMENTS.**

**# 004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]  
 Subpart A - General Provisions  
 Address.**

The submission of all requests, reports, applications, submittals and other communications required by Subpart OOO of the federal Standards of Performance for New Stationary Sources, 40 CFR 60.670 through 60.676, or required by any other applicable section specified in the federal Standards of Performance, shall be made to both the Department of Environmental Protection and the Environmental Protection Agency. The copies may be sent to:

EPA Region 3, Air and Radiation Division  
 Permits Branch (3AD10)  
 Four Penn Center, 1600 John F. Kennedy Boulevard  
 Philadelphia, PA 19103-2852

Department of Environmental Protection copies may be sent to:

Pennsylvania Department of Environmental Protection  
 Air Quality Program Manager

**SECTION D. Source Level Requirements**

208 W. Third Street, Suite 101  
Williamsport, PA 17701

The permittee need not however, perform any opacity testing unless specifically requested to do so by the U.S. Environmental Protection Agency or the Department of Environmental Protection.

**# 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 permittee shall comply with all applicable reporting requirements specified in 40 CFR 60.676.

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

If at any time, Source P101, or any piece of equipment incorporated in the plant, is determined by the Department to be causing the emission of fugitive particulate matter in excess of the limitations specified in any applicable rule or regulation contained in 25 Pa. Code Chapters 121 through 145, or in excess of the applicable requirements of Subpart 000 of the federal Standards of Performance for New Stationary Sources, 40 CFR 60.670 through 60.676, or in excess of the level which the Department considers to be the "minimum attainable through the use of the best available technology," the permittee shall, upon notification by the Department, immediately install additional water spray dust suppression equipment and/or take such other control measures as are necessary to reduce the air contaminant emissions to within the level deemed acceptable by the Department.

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

(1) Source P101 is a stone crushing operation comprised of the following equipment:

Facility Item #F1: Deister 52"x24' grizzly feeder  
 Facility Item # CR1: Nordberg Model No. C125 primary jaw crusher  
 Facility Item #C1: Mellott Enterprises, Inc. 42"x32' under crusher conveyor  
 Facility Item #C2: Mellott Enterprises, Inc. 36" x 40'6" conveyor  
 Facility Item #S1: Deister 5'x12' triple deck screen  
 Facility Item #C3: Mellott Enterprises, Inc. 36"x183' conveyor  
 Facility Item #C4: Mellott Enterprises, Inc. 36"x304' conveyor  
 Facility Item #C5: Mellott Enterprises, Inc. 36"x271' conveyor  
 Facility Item #C6: Mellott Enterprises, Inc. 36"x19' under screen conveyor  
 Facility Item #C7: Mellott Enterprises, Inc. 30"x126' conveyor  
 Facility Item #C8: Mellott Enterprises, Inc. 30"x163' conveyor  
 Facility Item #F2: Syntron MF 200 feeder  
 Facility Item #F3: Syntron MF 200 feeder  
 Facility Item #C9: Mellott Enterprises, Inc. 36" x 379'5" tunnel conveyor  
 Facility Item #S2: Deister 6'x16' double deck screen  
 Facility Item #F4: Syntron F450 feeder  
 Facility Item #CR2: Nordberg HP 400 cone crusher  
 Facility Item #C10: Mellott Enterprises, Inc. 42"x317' conveyor  
 Facility Item #S3: Deister 6'x20' triple deck screen  
 Facility Item #S4: Deister 6'x20' triple deck screen  
 Facility Item #C11: Mellott Enterprises, Inc. 36"x261' conveyor  
 Facility Item #F5: Syntron F440 feeder  
 Facility Item #CR3: Canica-Jaques Model 90 vertical shaft impactor  
 Facility Item #C12: Mellott Enterprises, Inc. 36"x25' conveyor  
 Facility Item #C13: Mellott Enterprises, Inc. 30"x51' conveyor  
 Facility Item #C14: Mellott Enterprises, Inc. 30"x51' conveyor

**SECTION D. Source Level Requirements**

Facility Item #C15: Mellott Enterprises, Inc. 30"x51' conveyor  
 Facility Item #C16: Mellott Enterprises, Inc. 30"x51' conveyor  
 Facility Item #C17: Mellott Enterprises, Inc. 30"x43' conveyor  
 Facility Item #C19: Mellott Enterprises, Inc. 30"x243' conveyor  
 Facility Item #B3: Mellott Enterprises, Inc. load out bin  
 Facility Item #C21: Mellott Enterprises, Inc. 30"x103' conveyor  
 Facility Item #C22: Mellott Enterprises, Inc. 30"x103' conveyor  
 Facility Item #C23: Mellott Enterprises, Inc. 30"x51' conveyor  
 Facility Item #C24: Mellott Enterprises, Inc. 30"x63' conveyor  
 Facility Item #C25: Mellott Enterprises, Inc. 30"x83' conveyor  
 Facility Item #W1: Eagle 44"x20' coarse material washer  
 Facility Item #C26: Mellott Enterprises, Inc. 30"x103' conveyor  
 Facility Item #C27: Mellott Enterprises, Inc. 30"x63' under screen conveyor  
 Facility Item #S5: Midwest 5'x7' 5 deck wet screen  
 Facility Item #C28: Mellott Enterprises, Inc. 30"x123' radial stacker  
 Facility Item #C29: Mellott Enterprises, Inc. 30"x103' radial stacker  
 Facility Item #C30: Mellott Enterprises, Inc. 30"x103' radial stacker  
 Facility Item #C31: Mellott Enterprises, Inc. 30"x103' radial stacker  
 Facility Item #C32: Mellott Enterprises, Inc. 30"x103' radial stacker  
 Facility Item #C33: Mellott Enterprises, Inc. 30"x103' radial stacker  
 Facility Item #M1: IMI 36" SPMX suspended permanent magnet  
 Facility Item #Portable Bin: Portable Recrush bin 8'wide x 12'long x 6'high  
 Facility Item #Port Con 1: Portable Conveyor #1 30"x 16'  
 Facility Item #Port Con 2: Portable Conveyor #2 30" x 38'  
 Kemper feed hopper and integral 36" x 40' belt conveyor (AB5)

(2) Any of the above equipment 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 60.670 through 60.676, and provided that the replacement equipment is of equivalent design and function (i.e., a jaw crusher may be replaced with a jaw crusher, etc.). Additionally, the Department shall be notified of any such replacement within one week of the completion of construction of the replacement equipment.

**# 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]

The air contaminant emissions from Source P101 shall be controlled by a primary water spray dust suppression system (Control Device C101A) and a secondary water spray dust suppression system (Control Device C101B). Control Device C101A shall, at a minimum, incorporate the following spray nozzles:

2 nozzles at the dump hopper  
 3 nozzles at the C1 jaw crusher hopper, tail hopper and head pulley  
 2 nozzles at the C2 tail hopper and 3 nozzles at the C2 head pulley  
 3 nozzles each at the C3 tail hopper and head pulley  
 2 nozzles each at the S1 discharge to C4 and the C4 tail hopper  
 3 nozzles at the C4 head pulley  
 2 nozzles at the C5 tail hopper and 3 nozzles at the C5 head pulley  
 2 nozzles each at the C7 tail hopper and head pulley  
 2 nozzles each at the C28 tail hopper and head pulley  
 2 nozzles each at the C29 tail hopper and head pulley

Control Device C101B shall, at a minimum, incorporate the following spray nozzles:

2 nozzles at the C9 head pulley and the C9 feeder located 25' horizontally from manifold #5 and 3 nozzles at the C9 feeder located 355' horizontally from manifold #5  
 2 nozzles each at the Canica-Jaques VSI crusher feed and Nordberg HP400 crusher feed to C10 hoppers and 2 nozzles at

**SECTION D. Source Level Requirements**

the C10 head pulley  
 1 nozzle at the C11 tail pulley  
 1 nozzle at the C12 tail pulley  
 1 nozzle at the C13 tail and head pulleys  
 1 nozzle at the C14 tail and head pulleys  
 1 nozzle at the C15 tail and head pulleys  
 1 nozzle each at the C16 tail and head pulleys  
 1 nozzle at the C17 head pulley  
 1 nozzle at the C22 head pulley  
 1 nozzle at the C24 head pulley  
 1 nozzle at the C25 tail pulley  
 1 nozzle at the C26 tail pulley  
 1 nozzle each at the C32 tail and head pulley  
 1 nozzle each at the C33 tail and head pulley

More spray nozzles may be added without the necessity of obtaining Department plan approval, but none of those identified above may be deleted or removed without prior Department approval.

**# 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]

Control Devices C101A and C101B shall be connected to an on-demand water source capable of delivering an adequate supply of water at any time Source P101 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 Control Devices C101A and C101B are unable to provide an adequate supply of water due to freezing weather or any other reason, the permittee shall immediately cease operation of Source P101.

**# 010 [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]

Control Devices C101A and C101B shall be equipped with strainers to prevent clogging of the associated water spray nozzles.

**# 011 [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 P101 is subject to Subpart 000 of the federal Standards of Performance for Nonmetallic Mineral Processing Plants, 40 CFR 60.670 through 60.676.

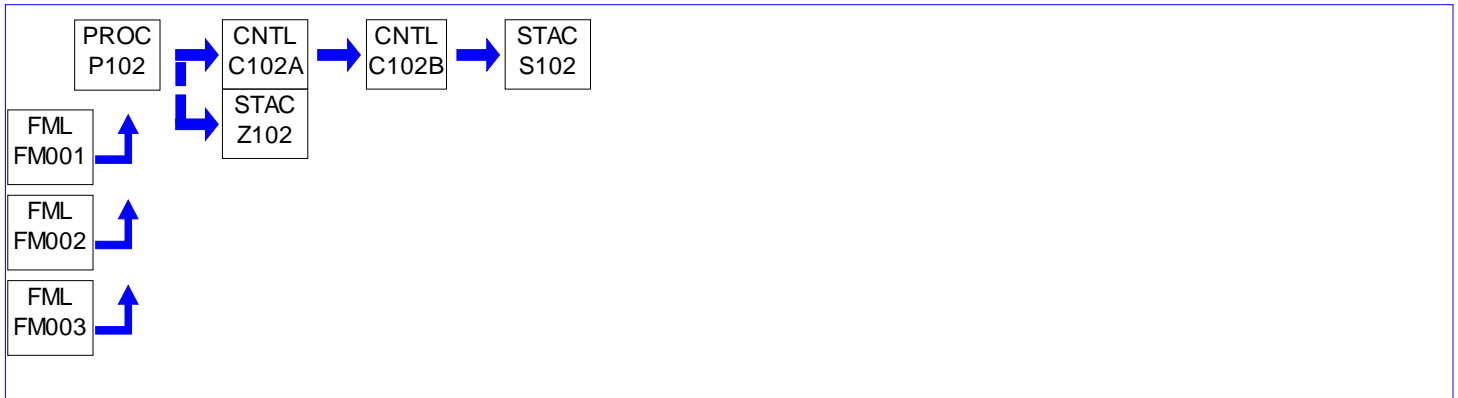


**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: DRUM MIX ASPHALT 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 (SO<sub>x</sub>, expressed as SO<sub>2</sub>) from Source P102 into the outdoor atmosphere in such a manner that the concentration of 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.**

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

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source P102 in such a manner that the concentration of particulate matter in the effluent gas from Control Device C102B exceeds 0.02 grains per dry standard cubic foot of effluent gas volume.

[Compliance with the requirement specified in this permit condition ensures compliance with 25 Pa. Code Section 123.13 and 40 CFR Section 60.92(a)(1)]

**# 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 nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) from Source P102 shall not exceed 32.5 pounds per hour when recycled/reprocessed oil is being fired, 23.0 pounds per hour when virgin #2 fuel oil is being fired and 12.0 pounds per hour when natural gas is being fired.

**# 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 emission of carbon monoxide from Source P102 shall not exceed 79.5 pounds per hour when recycled/reprocessed oil is being fired, 64.5 pounds per hour when virgin #2 fuel oil is being fired and 41.0 pounds per hour when natural gas is being fired.

**# 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 emission of volatile organic compound (expressed as methane) from Source P102 shall not exceed 25.5 pounds per

**SECTION D. Source Level Requirements**

hour when recycled/reprocessed oil is being fired, 20.0 pounds per hour when virgin #2 fuel oil is being fired and 16.3 pounds per hour when natural gas is being fired.

**# 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]

The emission of nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) from Source P102 shall not exceed 32.5 tons in any 12 consecutive month period, the emission of carbon monoxide shall not exceed 79.5 tons in any 12 consecutive month period, the emission of sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) shall not exceed 74.1 tons in any 12 consecutive month period, the emission of volatile organic compound (expressed as methane) shall not exceed 25.5 tons in any 12 consecutive month period, the total combined emission of hazardous air pollutant shall not exceed 5.0 tons in any 12 consecutive month period and the emission of formaldehyde shall not exceed 1.55 tons in any 12 consecutive month period.

**# 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]

The total combined emission of air contaminant from Source 031 and Source P102 shall not exceed 77.9 tons of sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) in any 12 consecutive month period, 34.2 tons of nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) in any 12 consecutive month period, 80.0 tons of carbon monoxide in any 12 consecutive month period, 29.9 tons of volatile organic compounds (expressed as methane) in any 12 consecutive month period and 5.2 tons of hazardous air pollutants in any 12 consecutive month period.

**# 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]

The emission of volatile hazardous air pollutants and formaldehyde from Source P102 shall not exceed 2.65 pounds and 1.55 pounds per hour, respectively, when natural gas is being fired.

**# 009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.92]****Subpart I - Standards of Performance for Hot Mix Asphalt Facilities  
Standard for particulate matter.**

The permittee shall not cause to be discharged any visible air contaminant emissions from Source P102 into the outdoor atmosphere which exhibit 20% or greater opacity.

**Fuel Restriction(s).****# 010 [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 and 25 Pa. Code Section 123.22(a)(2)]

Source P102 shall be fired only on natural gas, virgin #2 fuel oil or recycled/reprocessed oil.

(1) The virgin #2 fuel oil delivered to the facility shall not contain any recycled or reprocessed oil, waste oil or other waste materials and the sulfur content shall not exceed 0.0015% by weight (15 ppm).

(2) The sulfur content of the recycled/reprocessed oil shall not exceed 1.0%, by weight, at any time or 0.5%, by weight, on an annual average basis.

**# 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]

**SECTION D. Source Level Requirements**

The total combined amount of virgin #2 fuel oil and recycled/reprocessed oil fired in Source P102 shall not exceed 1,820,000 gallons in any 12 consecutive month period.

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

The recycled/reprocessed oil received at the facility 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 halogens (TX) - 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 flashpoint of the reprocessed oil shall not be less than 100 degrees Fahrenheit.

**# 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 permittee shall not accept for use in Source P102 any shipment of recycled/reprocessed oil for which the arsenic, cadmium, chromium, lead, total halogens (TX) or polychlorinated biphenyl (PCB) contents and/or flash point are unknown or which fails to meet any of the limitations specified herein, or for which the sulfur content is unknown or which fails to meet the limitation specified herein.

**Throughput Restriction(s).****# 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]

No more than 1,000,000 tons of asphalt concrete shall be produced in Source P102 in any 12 consecutive month period.

**# 015 [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 shall not process recycled asphalt pavement (RAP) at a rate in excess of 25% of the total weight of all materials introduced into the mixing drum at any time.

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

The permittee shall test every shipment of recycled/reprocessed oil received for use in Source P102 upon receipt to determine the total halogen (TX) content using EPA Reference Method 9077, or an alternate reference test method if so decided by the Department. If the test of any shipment reveals total halogens in excess of 1,000 parts per million (by weight), the permittee shall refuse to accept the shipment.

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

The permittee shall perform a complete analysis to determine the arsenic, cadmium, chromium, lead, total halogen (TX), polychlorinated biphenyl (PCB) and sulfur contents, as well as the flash point, using the reference test methods specified herein, for at least 1 out of every 15 shipments of recycled/reprocessed oil received. In each case, if the results of the

**SECTION D. Source Level Requirements**

analysis are not known, and compliance with all contaminant content limits has not been demonstrated, within 15 days of the receipt of the respective shipment, the permittee shall cease use of oil from the tank in which the shipment was placed. The permittee shall 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.

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

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 7000 Series  
 cadmium - EPA Method 6010, 6020 or 7000 Series  
 chromium - EPA Method 6010 or 7000 Series  
 lead - EPA Method 6010 or 7000 Series  
 total halogens (TX) - EPA Method 9075, 9076 or 9077  
 polychlorinated biphenyls (PCBs) - EPA method 8082  
 flash point - EPA Method 1010 or ASTM D93-80  
 sulfur - ASTM D4294, D1552, D3227 or D129

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

**# 019 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.93]****Subpart I - Standards of Performance for Hot Mix Asphalt Facilities****Test methods and procedures.**

The permittee shall comply with all applicable testing requirements specified in 40 CFR 60.93.

**III. MONITORING REQUIREMENTS.****# 020 [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]

A sample of each load of recycled/reprocessed oil delivered to the site for use in Source P102 shall be taken at the time of delivery using a sampling technique capable of achieving a representative composite sample of the entire load and shall be retained onsite for at least two (2) years for random selection and analysis by the Department. The samples are to be sealed and identified as to the identity of the supplier, date of delivery, delivery invoice number, amount delivered, etc. A "sampling technique capable of achieving a representative composite sample of the entire load" shall consist of both using the proper sampling equipment (COLIWASA sampler or equivalent) and sampling the tank trucks in accordance with the current edition of Environmental Protection Agency publication SW-846.

**# 021 [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]

Control Device C102B shall be equipped with instrumentation to continuously monitor the differential pressure across the collector as well as the inlet temperature of the controll device.

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

The permittee shall maintain accurate and comprehensive records of the following for Source P102:

- (1) The differential pressure across Control Device C102B at a minimum frequency of once per operating shift (in inches of water).
- (2) The fabric collector inlet temperature at a minimum frequency of once per operating shift (in degrees Fahrenheit).

**SECTION D. Source Level Requirements**

- (3) The total quantity of asphalt concrete produced in each month (in tons) for the previous 12 consecutive month period.
- (4) The total amount of recycled asphalt pavement (RAP) added to the material processed in the mixing drum for each month (in tons).
- (5) The total amount of natural gas used as fuel in the mixing drum for each month (in standard cubic feet) for the previous 12 consecutive month period.
- (6) The total amount of virgin #2 fuel oil used as fuel in the mixing drum for each month (in gallons) for the previous 12 consecutive month period.
- (7) The total amount of recycled/reprocessed oil used as fuel in the mixing drum for each month (in gallons) for the previous 12 consecutive month period.
- (8) The delivery date, quantity (gallons), identity of supplier and delivery invoice number of each shipment of recycled/reprocessed oil delivered to the site for use in Source P102, as well as a certified fuel analysis report for each shipment which identifies the arsenic, cadmium, chromium, lead, total halogen (TX), polychlorinated biphenyl (PCB) and sulfur contents in parts per million (by weight) and the flash point in degrees Fahrenheit.
- (9) The results of all analyses required 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 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 at least five years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.****# 023 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall submit an annual report to the Department of the following records for Source P102:

- (1) Total quantity of asphalt concrete produced each month for the previous 12 consecutive month period.
- (2) Quantity of asphalt concrete produced each month for the previous 12 consecutive month period that contained recycled asphalt pavement (RAP).
- (3) Quantity of recycled asphalt pavement (RAP) processed each month for the previous 12 consecutive month period.
- (4) Quantity of each type of fuel used each month for the previous 12 consecutive month period.
- (5) The delivery date, quantity (gallons), identity of supplier and delivery invoice number of each shipment of recycled/reprocessed oil delivered to the site for use in Source P102 during the prior year, as well as a copy of the certified fuel analysis report for each shipment which identifies the arsenic, cadmium, chromium, lead, total halogen (TX), polychlorinated biphenyl (PCB) and sulfur contents in parts per million (by weight) and the flash point in degrees Fahrenheit.
- (6) The results of all analyses required herein, as well as the results of any other analyses performed on reprocessed oil delivered to the facility during the prior year, the identity of the specific shipment of 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 or set of analyses and the identity of the analytical techniques and methods used to perform each such analysis or set of analyses.

Each annual report shall be submitted to the Department by no later than March 1 of each calendar year (for the immediately-preceding January 1 through December 31 twelve consecutive month period).

**# 024 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

The submission of all requests, reports, applications, submittals and other communications required by Subpart I of the federal Standards of Performance for New Stationary Sources, 40 CFR 60.90 through 60.93, or required by any other applicable section specified in the federal Standards of Performance, shall be made to both the Department of Environmental Protection and the Environmental Protection Agency. The copies may be sent to:

EPA Region 3, Air and Radiation Division  
Permits Branch (3AD10)  
Four Penn Center, 1600 John F. Kennedy Boulevard

**SECTION D. Source Level Requirements**

Philadelphia, PA 19103-2852

Department of Environmental Protection copies may be sent to:

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

**VI. WORK PRACTICE REQUIREMENTS.****# 025 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall conduct a burner tuning procedure in accordance with the manufacturer's specifications to minimize the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) and carbon monoxide emissions every year. The permittee shall conduct each annual tune-up not later than June 15 of each year or within four weeks from the start up of Source P102 during the peak season. The permittee shall comply with the following requirements:

- (1) The burner shall be tuned such that the emissions do not exceed limits stated in this operating permit.
- (2) The air-to-fuel ratio controls shall be inspected and adjusted to ensure proper operation in accordance with the manufacturer's specifications.
- (3) Monitoring records of the following information shall be kept on site for a minimum of five years and shall be made available to the Department upon request.
  - (a) The date of the tuning procedure;
  - (b) The name of the servicing company and technician;
  - (c) The production rate (tons/hr) or load before and after tuning;
  - (d) The CO and NO<sub>x</sub> concentrations (ppmvd) before and after tuning; and
  - (e) The percent O<sub>2</sub> before and after tuning.

**# 026 [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 permittee shall keep on hand a sufficient quantity of spare fabric collector bags for Control Device C102B in order to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of Source P102 or Control Device C102B.

**# 027 [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 collected in the dust silo incorporated in Source P102 shall only be removed from the silo via a rotary screw conveyor and reintroduced into the mixing drum, or via rotary airlock to the slurry mixer.

**# 028 [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 fiber, plastic and /or rubber additives used in this plant shall be mixed into the asphalt concrete in such a manner as to prevent the thermal degradation of the respective additives and/or the creation of malodorous air contaminants. Under no circumstances shall any of these additives be introduced into the heating zone of the mixing drum.

**# 029 [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]

**SECTION D. Source Level Requirements**

Source P102 shall not be used to dry stone, other than when the plant is simultaneously producing asphalt concrete.

**# 030 [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 shall not be used to produce asbestos-containing asphalt material.

**# 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]

Source P102 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, nor shall it be used to process used foundry sand.

**# 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]

At no time shall Source P102 be operated without the simultaneous operation of Control Devices C102A and C102B.

**VII. ADDITIONAL 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]

Source P102 is a 500 ton per hour natural gas/#2 fuel oil/reprocessed oil-fired counter flow drum mix asphalt concrete plant equipped with a Hauck Ecostar II, model ESII 75, low NOx total air burner and consisting of the following components:

Facility Item #B1-B8: Cedar Rapids FB1410-8 10'x 14' cold feed bins

Facility Item #F1-F8: Cedar Rapids 30" x 8' belt feeder

Facility Item #C1: Cedar Rapids 36" x 166' conveyor under cold feed bins

Facility Item #Screen 1: Deister 5' x 16' triple deck screen

Facility Item #C2: Cedar Rapids 30" x 60' weigh feed conveyor

Facility Item #C3: Cedar Rapids 30" x 30' slinger conveyor

Facility Item #D1: Cedar Rapids 9' 6" x 52' E500R Magnum CF Drum Mixer

Facility Item #Burner 1: Hauck model: ES II 175 192 MMBtu/hr burner

Facility Item #DSC Main: Cedar Rapids DSC 113-550 36" x 113' enclosed drag slat conveyor

Facility Item #DSC 1: Cedar Rapids BTC17G 36" x 14' enclosed bin top conveyor

Facility Item #DSC 2: Cedar Rapids BTC17G 36" x 14' enclosed bin top conveyor

Facility Item #DSC 3: Cedar Rapids BTC17G 36" x 14' enclosed bin top conveyor

Facility Item #DSC 4: Cedar Rapids BTC17G 36" x 14' enclosed bin top conveyor

Facility Item #DSC Cross: Cedar Rapids BTC17G 36" x 16' enclosed crossover drag slat bin top conveyor

Facility Item #Silo1 -Silo 6: Cedar Rapids SS300S Surg-Stor Silo 300 ton each

Facility Item #Screw 1: Cedar Rapids 10" dia. x 37' baghouse screw

Facility Item #Dust Silo 1: Free Flow, 12' dia. x 30'

Facility Item #Dust Auger: Free Flow Dust Auger "Mud-Mixer" 20" dia. x 11'

Facility Item #MF Pod: Free Flow Mineral Filler Pod, 44" dia. x 36" high

Facility Item #Dust Pod 1: Free Flow Dust Pod, 44" dia. x 36" high

Facility Item #Dust Pod 2: Free Flow Dust Pod, 44" dia. x 36" high

Facility Item #Screw 2: Free Flow Pod dust screw #1, 12" dia. x 28'

Facility Item #Screw 3: Free Flow Pod dust screw #2, 12" dia. x 25'

Facility Item #Screw 4: Dust Injection Screw, 16" dia. x 30'

Facility Item #Screw 5: Baghouse to dust injection screw, 16" dia. x 40'

**SECTION D. Source Level Requirements**

Facility Item #Screw 6: Free Flow mineral filler screw, 12" dia. x 14'  
 Facility Item #B9: RAP Cold Feed Bin 10' x 16' x 8'  
 Facility Item #F9: RAP Feeder 22" x 17'  
 Facility Item #C4: RAP Conveyor #1 24" x 72'  
 Facility Item #Screen 2: Midwest RAP two deck 4'x 8' screen  
 Facility Item #C5: RAP conveyor #2, 24" x 64'  
 Facility Item #T004: 30,000 gallon asphalt tank #1  
 Facility Item #T005 : 30,000 gallon asphalt tank #2  
 Facility Item #T006: 30,000 gallon asphalt tank #3  
 Facility Item #Port Screw 1: Portable runner/fiber screw 12" dia. x 30'  
 Facility Item #Port Bin 1: Portable runner/fiber bin 6'x6' hopper

The particulate matter emissions from Source P102 shall be controlled by a (Facility Item #K01) Cedar Rapids 10' x 10'x12' knock-out box (Control Device C102A) and a (Facility Item #BH1) Cedar Rapids BHM41S16.5 fabric collector (Control Device C102B) which shall operate in series.

**# 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 air compressor supplying compressed air to Control Device C102B shall be equipped with an air dryer and an oil trap.

**# 035 [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]

Control Device C102B shall be equipped with an interlock to shut down all flow to the fabric collector if a temperature sensor located within the fabric collector detects a temperature greater than 390 degrees Fahrenheit.

**# 036 [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.**

Source P102 is subject to Subpart I of the federal Standards of Performance for Hot Mix Asphalt Facilities, 40 CFR 60.90 through 60.93.

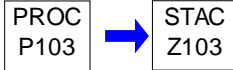


**SECTION D. Source Level Requirements**

Source ID: P103

Source Name: FUEL OIL STORAGE TANKS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

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

Source P103 is comprised of a 20,000 gallon aboveground recycled/reprocessed oil tank (Facility ID T008), a 10,000 gallon aboveground virgin #2 fuel oil tank (Facility ID T009), a 10,000 gallon aboveground virgin #2 fuel oil tank (Facility ID T001), and a 10,000 gallon aboveground on-road diesel-fuel tank.

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

[Compliance with the requirements specified in this permit condition assures compliance with 25 Pa. Code Section 129.57]

No material having a vapor pressure greater than or equal to 10.5 kPa (1.5 psia) shall ever be stored in any storage tank incorporated in Source P103.

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

The storage tanks incorporated in Source P103 shall never be used to store anything other than virgin #2 fuel oil,



**SECTION D. Source Level Requirements**

recycled/reprocessed oil or on-road diesel fuel.



**SECTION E. Source Group Restrictions.**



**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.



**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.

**SECTION H. Miscellaneous.**

The following air contaminant sources are considered to be insignificant emission sources and have been determined to be exempt from permit requirements. However, this determination does not exempt the sources from compliance with all applicable air quality regulations specified in 25 Pa. Code Chapters 121-145:

- (1) 500 gallon #2 fuel oil storage tank (Facility ID T002)
- (2) 1,000 gallon used oil storage tank (Facility ID T003)
- (3) 1,000 gallon asphalt calibration tank (Facility ID T007)



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

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