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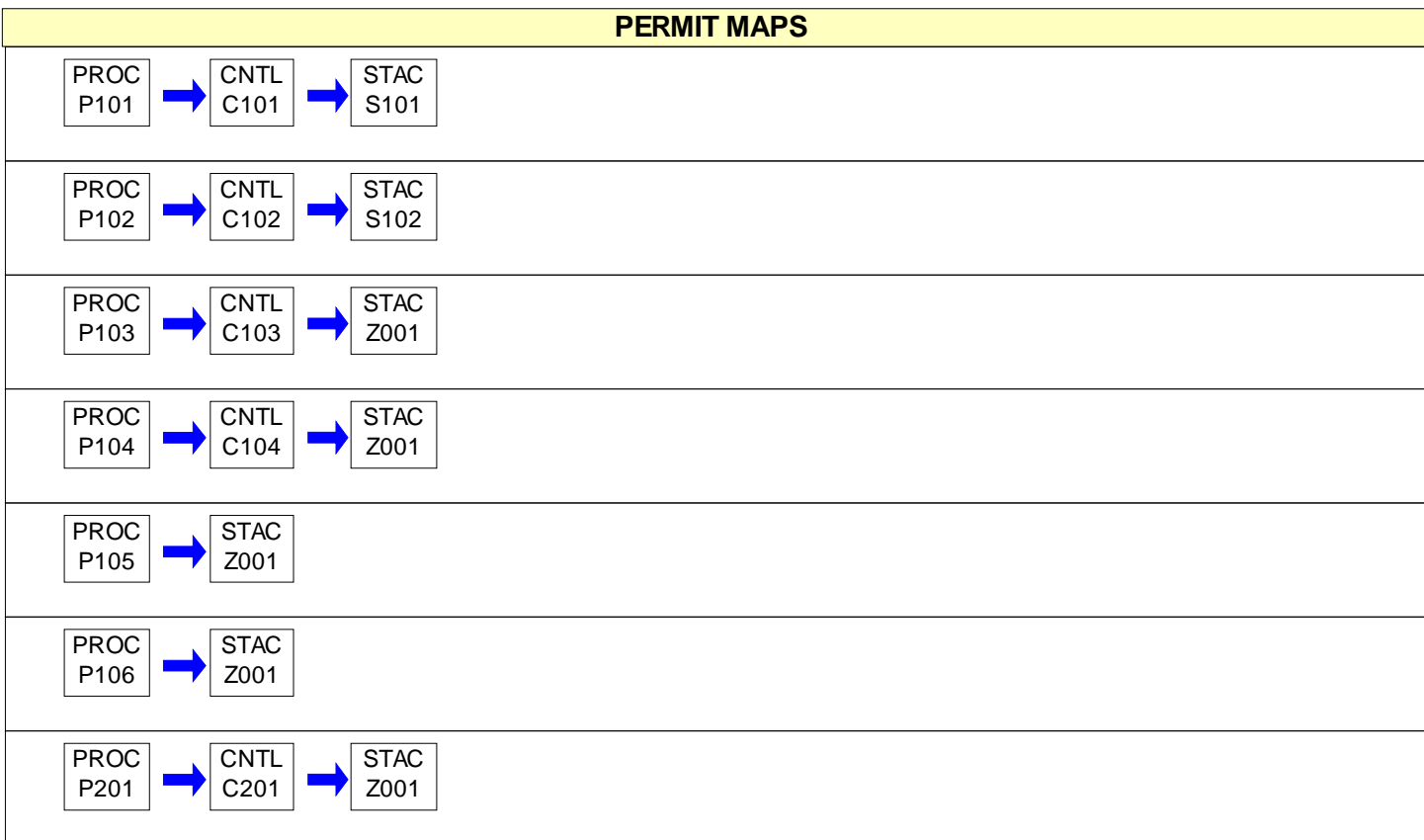
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C101	STANDARD HAVEN FABRIC COLLECTOR		
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**SECTION B. General State Only Requirements****#001 [25 Pa. Code § 121.1]****Definitions.**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**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_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

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

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

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

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

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

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- (1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.
 - (2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.
 - (3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
 - (4) Space heaters which heat by direct heat transfer.
 - (5) Laboratory equipment used exclusively for chemical or physical analysis.
 - (6) Other sources and classes of sources determined to be of minor significance by the Department.
- (e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:
- (1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.
 - (2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.
 - (3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
- (f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.
- (g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.
- (h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

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

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

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)

**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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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) 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**

No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified above in Condition #001 (1)-(7) if the emissions are visible at the point the emissions pass outside the person's property.

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

No person may 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)-(9).

**SECTION C. Site Level Requirements****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from the permittee requesting this elective Synthetic Minor restriction.]

- (a) The combined particulate matter less than 10 micrometer in aerodynamic diameter (expressed as PM10) emissions, from all sources at the facility, shall not equal or exceed 100 tons in any 12 consecutive month period.
- (b) The combined sulfur oxides (expressed as SO₂) emissions, from all sources at the facility, shall not equal or exceed 100 tons in any 12 consecutive month period.
- (c) The combined nitrogen oxides (expressed as NO₂) emissions, from all sources at the facility, shall not equal or exceed 100 tons in any 12 consecutive month period.
- (d) The combined carbon monoxide emissions, from all sources at the facility, shall not equal or exceed 100 tons in any 12 consecutive month period.
- (e) The total combined hazardous air pollutant (HAP) emissions, from all sources at the facility, shall not equal or exceed 25 tons in any 12 consecutive month period.
- (f) The total individual hazardous air pollutant (HAP) emissions, from all sources at the facility, shall not equal or exceed 10 tons in any 12 consecutive month period.
- (g) The total combined volatile organic compound (VOC) emissions, from all sources at the facility, shall not equal or exceed 50 tons in any 12 consecutive month period.

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

The permittee shall perform tests or provide a fuel certification report of the percent sulfur by weight for each delivery of the fuel oil delivered to this facility.

OR

The permittee shall provide a fuel certification report obtained from the supplier once a year stating that the sulfur percentage for each shipment of fuel oil delivered to the facility during the year shall not exceed 0.0015% sulfur by weight.

All testing and certification reports shall be in accordance with the provisions of 25 Pa. Code Chapter 139.

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

(a) At least 90 days prior to the performance of any testing required herein, the permittee shall submit an electronic copy in pdf format of a protocol to the Northcentral Regional Air Program Manager (RA-EPNCstacktesting@pa.gov) and the Source Testing Section Program Manager (RA-EPstacktesting@pa.gov) 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 to verify the rate of asphalt concrete production, and amount of recycled asphalt pavement (RAP) being processed, when applicable, during testing.

(b) At least 14 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 the testing without having been given proper notification.

(c) Within 60 days following the completion of testing required herein, the permittee shall submit an electronic copy in pdf format of a test report to the Northcentral Regional Air Program Manager (RA-EPNCstacktesting@pa.gov) and the Source Testing Section Program Manager (RA-EPstacktesting@pa.gov) for review. 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 including, but not necessarily limited to, the plant's asphalt concrete production rate during each test run, identification of the fuel used during each test run and amount of recycled asphalt pavement (RAP) processed, when applicable, during each test run. Since the testing is required for the

**SECTION C. Site Level Requirements**

purpose of demonstrating compliance with limitations identified in this plan approval for Source IDs P101 and P102, the results of the testing shall be expressed in units identical to the units specified for each emission limitation identified in the above conditions for each respective air contaminant.

008 [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 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.

009 [25 Pa. Code §139.11]**General requirements.**

(a) 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.

(b) 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:

- (1) A thorough source description, including a description of any air cleaning devices and the flue.
- (2) 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.
- (3) The location of sampling ports.
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of carbon monoxide (CO), carbon dioxide (CO₂), oxygen (O₂) and nitrogen (N₂)), static and barometric pressures.
- (5) 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.
- (6) Laboratory procedures and results.
- (7) Calculated results.

III. MONITORING REQUIREMENTS.**# 010 [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.

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

Upon the request of the Department, the permittee shall monitor and record any other parameters deemed necessary to demonstrate compliance with any Federal and State rules and regulations or any conditions contained in this operating permit.

**SECTION C. Site Level Requirements****# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall conduct a daily inspection of the facility during daylight hours while the facility is operating to detect visible emissions, visible fugitive emissions and malodors. Daily inspections are necessary to determine:

- (1) The presence of visible emissions.
- (2) The presence of visible fugitive emissions.
- (3) The presence of malodors beyond the boundaries of the facility.

(b) All detected visible emissions, visible fugitive emissions or malodors that have the potential to exceed applicable limits shall be reported to the manager of the facility.

IV. RECORDKEEPING REQUIREMENTS.**# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) The supporting calculations used to verify compliance with the 12 consecutive month particulate matter less than 10 micrometer in aerodynamic diameter (expressed as PM10) emission limitation for all sources at the facility.
- (b) The supporting calculations used to verify compliance with the 12 consecutive month sulfur oxides (expressed as SO₂) emission limitation for all sources at the facility.
- (c) The supporting calculations used to verify compliance with the 12 consecutive month nitrogen oxides (expressed as NO₂) emission limitation for all sources at the facility.
- (d) The supporting calculations used to verify compliance with the 12 consecutive month carbon monoxide emission limitation for all sources at the facility.
- (e) The combined HAPs emitted each month from all sources at the facility used to verify compliance with the 25 ton combined HAPs emission limitation in any 12 consecutive month period.
- (f) The individual HAPs emitted each month from all sources at the facility used to verify compliance with the 10 ton individual HAP emission limitation in any 12 consecutive month period.
- (g) The combined VOCs emitted each month from all sources at the facility used to verify compliance with the 50 ton combined VOCs emission limitation in any 12 consecutive month period.

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

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

(a) The permittee shall keep records of the fuel test reports or the fuel certification reports used to verify compliance with the 0.0015% (by weight) sulfur content limitation of #2 fuel oil.

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

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

The permittee shall keep records of tests or fuel certification reports of the percent sulfur by weight for each delivery of the fuel oil delivered to the facility.

OR

The permittee shall keep records of fuel certification reports obtained yearly from the fuel oil supplier stating that the sulfur percentage for each shipment of fuel oil delivered to the facility during the year shall not exceed 0.0015 % sulfur by weight.

**SECTION C. Site Level Requirements****# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain a logbook of the facility's daily inspections performed. The logbook shall include the name of the company representative performing the inspection, the date and time of inspections, any instances of exceedances of visible emissions limitations, visible fugitive emissions limitations and malodorous air emissions limitations, and the name of the manager informed if a potential exceedance is observed. The permittee shall also record any and all corrective action(s) taken to abate each recorded deviation to prevent future occurrences.

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

017 [25 Pa. Code §135.5]**Recordkeeping**

The permittee shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with 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.

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

Upon request by the Department, the permittee shall submit all requested reports in accordance with the Department's suggested format.

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

- (a) The supporting calculations verifying compliance with the 12 consecutive month particulate matter less than 10 micrometer in aerodynamic diameter (expressed as PM10) emission limitation for all sources at the facility.
- (b) The supporting calculations verifying compliance with the 12 consecutive month sulfur oxides (expressed as SO₂) emission limitation for all sources at the facility.
- (c) The supporting calculations verifying compliance with the 12 consecutive month nitrogen oxides (expressed as NO₂) emission limitation for all sources at the facility.
- (d) The supporting calculations verifying compliance with the 12 consecutive month carbon monoxide emission limitation for all sources at the facility.
- (e) The combined HAPs emitted each month from all sources at the facility verifying compliance with the 25 ton combined HAPs emission limitation in any 12 consecutive month period.
- (f) The individual HAPs emitted each month from all sources at the facility verifying compliance with the 10 ton individual HAP emission limitation in any 12 consecutive month period.
- (g) The combined VOCs emitted each month from all sources at the facility verifying compliance with the 50 ton combined VOCs emission limitation in any 12 consecutive month period.

A semi-annual report shall be submitted to the Department no later than September 1 for the preceding July 1-June 30 time period. The additional semi-annual report shall be submitted via the AES reporting system pursuant to Condition 020 below.

020 [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.

**SECTION C. Site Level Requirements**

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

(c) The report shall describe the following:

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

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

(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.

021 [25 Pa. Code §135.3]**Reporting**

(a) A person who owns or operates a source to which 25 Pa. Code Chapter 135 applies, and who has previously been advised by the Department to submit a source report, shall submit by March 1 of each year an Annual Air Information Management Systems (AIMS) Emissions report for the preceding calendar year. The report shall include information for all 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.

(b) A person who receives initial notification by the Department that an Annual Air Information Management Systems (AIMS) Emissions report is necessary, shall submit an initial Annual Air Information Management Systems (AIMS) Emissions report within sixty (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) The permittee may request an extension of time from the Department for the filing of an Annual Air Information Management Systems (AIMS) Emissions report, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.**# 022 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall take all reasonable actions for any source specified in 25 Pa. Code Section 123.1 subsection(s) (a)(1)-(7) or (a)(9), to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

**SECTION C. Site Level Requirements**

- (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.

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

Such equipment and materials as are necessary to take reasonable action (including but not limited to the application of water, oil or chemicals) to prevent fugitive particulate matter resulting from the use of any roadways and/or material stockpiling operations associated with Source IDs P101, P102 and P103 from becoming airborne shall be available at all times and shall be used, as necessary, to prevent such fugitive particulate matter from becoming airborne.

VII. ADDITIONAL REQUIREMENTS.**# 024 [25 Pa. Code §121.7]****Prohibition of air pollution.**

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

025 [25 Pa. Code §123.31]**Limitations**

No person may 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.

026 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The use of any haul roadways at the Chemung Plant site and/or any material stockpiling operations associated with Source IDs P101, P102 and P103 shall not result in the emission of fugitive particulate matter in excess of the limitations specified in 25 Pa. Code Section 123.2.

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

(a) An operable water truck equipped with a pressurized water spray mechanism shall be kept on site and available for immediate use at all times that the facility is operating.

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

028 [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



SECTION C. Site Level Requirements

to State Only General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: DRUM MIX ASPHALT PLANT

Source Capacity/Throughput:

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

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from the exhaust of Source ID P101 in a manner 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.**

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

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provisions in 25 Pa. Code Section 123.13 and 40 CFR Part 60, Subpart I]

The particulate matter emissions from the exhaust of ID C101 associated with Source ID P101 shall not exceed 0.02 grains per dry standard cubic foot.

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

[This condition is derived from plan approval 08-00016B]

Pursuant to the best available technology requirements of 25 Pa. Code Sections 127.1 and 127.12, the NO_x emissions from Source ID P101 shall not exceed the following limitations for each of the fuels specified below.

Fuel	NO _x (ppmvd @ 15% O ₂)
• Natural gas	40
• #2 fuel oil	60

Additionally, the annual NO_x emissions from the plant shall not exceed 15.6 tons during any 12 consecutive month period.

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

[This condition is derived from plan approval 08-00016B]

Pursuant to the best available technology requirements of 25 Pa. Code Sections 127.1 and 127.12, the SO_x emissions from Source ID P101 shall not exceed the following limitations for each of the fuels specified below.

Fuel	SO _x (ppmvd @ 15% O ₂)
• Natural gas	0.00
• #2 fuel oil	23

Additionally, the annual SO_x emissions from the plant shall not exceed 11.2 tons during any 12 consecutive month period.

**SECTION D. Source Level Requirements****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[This condition is derived from plan approval 08-00016B]

Pursuant to the best available technology requirements of 25 Pa. Code Sections 127.1 and 127.12, the CO emissions from Source ID P101 shall not exceed the following limitations for each of the fuels specified below.

Fuel	CO (ppmvd @ 15% O ₂)
• Natural gas	165
• #2 fuel oil	198

Additionally, the annual CO emissions from the plant shall not exceed 25.8 tons during any 12 consecutive month period.

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

[This condition is derived from plan approval 08-00016B]

Pursuant to the best available technology requirements of 25 Pa. Code Sections 127.1 and 127.12, the VOCs (expressed in propane) emissions from Source ID P101 shall not exceed the following limitations for each of the fuels specified below.

Fuel	VOCs (ppmvd @ 15% O ₂)
• Natural gas	35
• #2 fuel oil	35

These limitations apply to Source ID P101 including processing recycled asphalt pavement (RAP). Additionally, the annual VOCs emissions from the plant shall not exceed 6.4 tons during any 12 consecutive month period.

007 [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.**

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provision in 25 Pa. Code Section 123.41]

No person may permit the emission into the outdoor atmosphere of visible air contaminants from the exhaust of ID C101 associated with Source ID P101 in such a manner that the opacity of the emission is equal to or greater than 20%.

Fuel Restriction(s).**# 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 burner of Source ID P101 shall be fired only on natural gas and/or #2 fuel oil with a maximum sulfur content of 0.0015% by weight.

Operation Hours Restriction(s).**# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the permittee requesting a voluntary restriction]

Source ID P101 shall not be operated more than 2244 hours in any 12 consecutive month period.

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

[Additional authority for this permit condition is also derived from the permittee requesting the Synthetic Minor limitation]

In Source ID P101, the permittee shall not process more than 400,000 tons of asphalt concrete in any 12 consecutive month period.

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

Upon Department request, the permittee shall provide analyses or samples of the fuel oil used in the burner of Source ID P101.

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

By no later than December 31, 2024, the permittee shall perform the following testing on Source ID P101 while it is being fired on #2 fuel oil:

- (a) concurrent nitrogen oxides (NO_x, expressed as NO₂), carbon monoxide, and volatile organic compound (expressed as methane) testing while Source ID P101 is processing virgin material.
- (b) concurrent nitrogen oxides (NO_x, expressed as NO₂), carbon monoxide, and volatile organic compound (expressed as methane) testing while Source ID P101 is processing a mixture of recycled asphalt pavement (RAP) and virgin material (allowable RAP percentage range is 20% to 40% with balance of the mixture being virgin aggregate material).
- (c) particulate matter testing while Source ID P101 is processing either virgin material or a mixture recycled asphalt pavement (RAP) (20 to 40% RAP) and virgin material.

By no later than December 31, 2024, the permittee shall perform the following testing on Source ID P101 while it is being fired on natural gas:

- (d) concurrent nitrogen oxides (NO_x, expressed as NO₂), carbon monoxide, and volatile organic compound (expressed as methane) testing while Source ID P101 is processing virgin material.
- (e) concurrent nitrogen oxides (NO_x, expressed as NO₂), carbon monoxide, and volatile organic compound (expressed as methane) testing while Source ID P101 is processing a mixture of recycled asphalt pavement (RAP) and virgin material (allowable RAP percentage range is 20% to 40% with balance of the mixture being virgin aggregate material).

All testing shall be performed while Source ID P101 is being operated at its maximum normal production rate using test methods and procedures approved by the Department.

If the testing required above while natural gas is being fired is not performed by the deadline specified herein, natural gas shall not be used as a fuel after said deadline. If the testing required above while a mixture of recycled asphalt pavement (RAP) and virgin material is being processed is not performed by the deadline specified herein, recycled asphalt pavement (RAP) shall not be processed after said deadline.

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

[This condition is derived from plan approval 08-00016C]

The permittee shall conduct a burner tuning procedure on each plant, on a semiannual basis, in accordance with the manufacturer's specification to minimize NO_x and CO emissions. The permittee shall conduct the first tune up within four (4) weeks after each annual start-up of plant and the second tune up no later than July 15 of each year. The burner shall be tuned so that the emissions do not exceed emission limits established under BAT provisions for Source IDs P101 and P102. In addition, the air-to-fuel ratio controls shall be inspected and adjusted to ensure proper operation in accordance with the manufacturer's specification.

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

[This condition is derived from plan approval 08-00016C]

(a) In conjunction with the burner tuning requirement specified above in the Testing Requirement of this section, the permittee shall measure the concentration of NO_x and CO in ppmvd, and O₂ in volume percent, before and after the burner tune up, using portable analyzer.

(b) Test procedure using portable gas analyzers shall be consistent with ASTM D6522, or alternatively, as approved, in writing, by the Department.

III. MONITORING REQUIREMENTS.**# 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]

(a) ID C101 associated with Source ID P101 shall be equipped with instrumentation to monitor differential pressure drop across the ID C101 on a continuous basis.

(b) ID C101 associated with Source ID P101 shall be equipped with instrumentation to monitor inlet temperature of ID C101 on a continuous basis.

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

(a) The permittee shall keep records for the following information:

(1) The amount of asphalt concrete processed through and the hours of operation of Source ID P101 on a monthly basis and supporting calculations used to verify compliance with the asphalt concrete throughput limitation of Source ID P101.

(2) The sulfur content of each shipment of fuel oil delivered to the facility,

(3) The pressure drop across the ID C101 and inlet temperature of ID C101 at least once per week.

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

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

[This condition is derived from plan approval 08-00016B]

(1) The permittee shall keep records of the following:

a) the type of fuel used in the burner of Source ID P101 on a daily basis,

b) the amount of fuel used in the burner of Source ID P101 on a daily basis,

c) the test analyses or fuel oil certifications to verify the sulfur content, by weight, of virgin #2 fuel oil used in the burner of Source ID P101.

d) quantity of asphalt concrete produced each month that contains recycled asphalt pavement (RAP),

e) quantity of recycled asphalt pavement (RAP) processed each month.

(2) These records shall be kept for a minimum of five (5) years and shall be provided to the Department upon request.

**SECTION D. Source Level Requirements****# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) For Source ID P101, the permittee shall keep records of supporting calculations to verify compliance with annual NO_x, SO_x, CO and VOCs emissions limits. Annual NO_x, SO_x and CO emissions shall be verified using EPA Method 19 "F-factor" specified under 40 CFR Part 60, Appendix A.

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

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

[This condition is derived from plan approval 08-00016C]

Monitoring records stating 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_x concentrations (ppmvd) before and after tuning; and e. The percent O₂ before and after tuning.

V. REPORTING REQUIREMENTS.**# 020 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[This condition is derived from plan approval 08-00016B]

(1) The permittee shall report following to the Department on an annual basis:

- a) the type of fuel used in the burner of Source ID P101 on a daily basis,
- b) the amount of fuel used in the burner of Source ID P101 on a daily basis,
- c) the test analyses or fuel oil certifications to verify the sulfur content, by weight, of virgin #2 fuel oil used in the rotary stone dryer burner of Source ID P101.

(2) The annual report shall be submitted for the period from January 1 through December 31 no later than March 1 of the following year.

VI. WORK PRACTICE REQUIREMENTS.**# 021 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

022 [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) Source ID P101 shall not be used to produce asbestos-containing asphalt material
- (b) 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.
- (c) Source ID P101 shall not be used to dry stone other than when simultaneously producing asphalt concrete.

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

**SECTION D. Source Level Requirements**

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

Dust from ID C101 associated with Source ID P101 shall be removed only by conveying it to a mineral filler silo. Dust from the mineral filter silo of Source ID P101 shall only be removed by conveying it into the plant's dryer drum. The mineral filler silo of Source ID P101 shall only be vented to atmosphere via ID C101 associated with Source ID P101 or an appropriately designed bin vent fabric collector.

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

The handling and storage of the material collected in ID C101 associated with Source ID P101 shall not any time result in the emission of fugitive air contaminants in excess of the limitations specified in 25 Pa. Code Section 123.1.

VII. ADDITIONAL REQUIREMENTS.**# 025 [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 which supplies cleaning air to ID C101 shall be equipped with an air dryer and an oil trap.

026 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

ID C101 associated with Source ID P101 shall be operated and maintained in accordance with the manufacturer's specification and recommendation.

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

Source ID P101 is subject to 40 CFR Part 60, Subpart I. The permittee shall comply with all applicable requirements of 40 CFR Section 60.90 through 60.93.

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]

The air contaminant emissions from Source ID P101 shall be controlled by a cyclone precleaner and a Standard Havens model 29-16.5 reverse pulse fabric collector (ID C101).

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]

Source ID P101 shall not process RAP at a rate in excess of 50% of the total weight of all materials charged into the drum..

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

Source ID P101 is a drum mix asphalt plant which includes the Stansteel model 10848 countercurrent flow type drum and the Hauck model StarJet 4580 tri-fuel fired (natural gas, and #2 fuel oil) 120 MMBtu per hour burner.

031 [25 Pa. Code §129.64]**Cutback asphalt paving**

The permittee shall comply with all regulations regarding the use of cutback asphalt as described in 25 Pa. Code Section



SECTION D. Source Level Requirements

129.64.

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: BATCH MIX ASPHALT PLANT

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of ID C102 associated with Source ID P102 in a manner that the concentration in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

002 [25 Pa. Code §123.21]**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from the exhaust of Source ID P102 in a manner that the concentration of the sulfur oxides in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

[This condition is derived from plan approval 08-00016C]

The NO_x emissions from Source ID P102 while firing waste oil shall not exceed 79 parts per million by volume dry (ppmvd) at 15% oxygen (O₂). Additionally, the NO_x emissions from Source ID P102 shall not exceed 7.8 tons during any 12 consecutive month period.

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

[This condition is derived from plan approval 08-00016C]

The SO_x emissions from Source ID P102 while firing waste oil shall not exceed 40 parts per million by volume dry (ppmvd) at 15% oxygen (O₂). Additionally, the SO_x emissions from Source ID P102 shall not exceed 5.6 tons during any 12 consecutive month period.

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

[This condition is derived from plan approval 08-00016C]

The CO emissions from Source ID P102 while firing waste oil shall not exceed 214 parts per million by volume dry (ppmvd) at 15% oxygen (O₂). Additionally, the CO emissions from Source ID P102 shall not exceed 12.9 tons during any 12 consecutive month period.

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

[This condition is derived from plan approval 08-00016C]

The VOCs emissions from Source ID P102 while firing waste oil shall not exceed 35 parts per million by volume dry (ppmvd) at 15% oxygen (O₂) (expressed as propane). Additionally, the VOCs emissions from Source ID P102 shall not exceed 3.2 tons during any 12 consecutive month period.

**SECTION D. Source Level Requirements****Fuel Restriction(s).****# 007 [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) and plan approval 08-00016C]

The burner of Source ID P102 shall be fired only on natural gas, #2 fuel oil and waste oil (reclaimed/reprocessed oil). The #2 fuel oil fired in the burner of Source ID P102 shall not contain sulfur in excess of 0.0015% by weight. The waste fuel oil fired

in the burner of Source ID P102 shall not contain sulfur in excess of 0.5% by weight. Additionally, the ash percentage (by weight) of the waste oil shall be less than 1.0 %.

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

[Additional authority for this permit condition is derived from the Department's waste derived liquid fuel policy]

The reclaimed/reprocessed oil fired in the burner of Source P102 shall not contain contaminants in excess to the following limitations:

- a) arsenic - 5 ppmw
- b) cadmium - 2 ppmw
- c) chromium - 10 ppmw
- d) lead - 100 ppmw
- e) total Halogens - 1000 ppmw
- f) polychlorinated biphenyls (PCBs) - 2 ppmw.

Additionally the flash point of reclaimed/reprocessed oil shall be greater than 100° F.

Throughput Restriction(s).**# 009 [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)98), item #44 (RFD)]

The permittee shall not use more than 50% reclaimed/recycled asphalt pavement in the batch mix plant to produce hot mix asphalt.

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

[This condition is derived from plan approval 08-00016C]

The permittee shall conduct a burner tuning procedure on each plant, on a semiannual basis, in accordance with the manufacturer's specification to minimize NOx and CO emissions. The permittee shall conduct the first tune up within four (4) weeks after each annual start-up of plant and the second tune up no later than July 15 of each year. The burner shall be tuned so that the emissions do not exceed emission limits established under BAT provisions for Source IDs P101 and P102. In addition, the air-to-fuel ratio controls shall be inspected and adjusted to ensure proper operation in accordance with the manufacturer's specification.

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

[This condition is derived from plan approval 08-00016C]

(a) In conjunction with the burner tuning requirement specified above in Testing Requirement under this section, the permittee shall measure the concentration of NOx and CO in ppmvd, and O2 in volume percent, before and after the burner

**SECTION D. Source Level Requirements**

tune up, using portable analyzer.

(b) Test procedure using portable gas analyzers shall be consistent with ASTM D6522, or alternatively, as approved, in writing, by the Department.

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

[Additional authority for this permit condition is derived from the Department's waste derived liquid fuel policy]

The permittee shall use the following analytical techniques and test methods in determining compliance with the fuel limitations of reclaimed/reprocessed oil used in the burner of Source ID P102:

- a) arsenic - EPA Method 3051, 6010, 6020 or 7000 Series
- b) cadmium - EPA Method 6010, 6020 or 7000 Series
- c) chromium - EPA Method 6010 or 7000 Series
- d) lead - EPA Method 6010 or 7000 series
- e) total halogens (TX) - EPA Method 9075, 9076 or 9077
- f) PCBs - EPA Method 8082
- g) flash point - EPA Method 1010 or ASTM D93-80
- h) sulfur - ASTM D3227, D1552, D4294, or D129
- i) ash - ASTM D482

All ASTM testing method(s) referenced above shall be the most recent revision to the respective method(s)

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

Additional authority for this permit condition is derived from the Department's waste derived liquid fuel policy]

The permittee shall test every shipment of reclaimed/reprocessed oil received for use in Source ID 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.

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

[Additional authority for this permit condition is derived from the Department's waste derived liquid fuel policy]

The permittee shall perform a complete analysis to determine the arsenic, cadmium, chromium, lead, total halogen (TX), polychlorinated biphenyl (PCB), sulfur content, ash content, and the flash point, using the reference test methods specified in the permit for Source ID P102, for at least 1 out of every 15 shipments of reclaimed/reprocessed oil received. In each case, the analysis shall be completed within 15 days after receipt of the respective shipment. If the analysis results on such fuel are not received within 15 days of the date of delivery of the relevant shipment, the permittee shall cease using the reclaimed/reprocessed fuel from the tank(s) in which the relevant shipment was placed until compliance with the limits is verified in the laboratory results. The permittee shall immediately report to the Department the results of any analyses which show a shipment of reclaimed/reprocessed oil to be out of compliance with the limitations specified in the permit for Source ID P102. The permittee shall immediately stop using the reclaimed/reprocessed oil that is out of compliance with the limitations specified in the permit for Source ID P102.

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

[Additional authority for this permit condition is derived from the Department's waste derived liquid fuel policy]

A sample of each load of reclaimed/reprocessed oil delivered to the facility shall be taken at the time of delivery using a sampling technique capable of achieving a representative composite sample of the entire load. The samples are to be

**SECTION D. Source Level Requirements**

sealed and identified as to the identity of the supplier, date of delivery, delivery invoice number, quantity delivered, etc. Sampling and analyzing techniques for tanks and tractor trailer wagons shall be in accordance with the current edition of EPA publication SW-846 or comparable ASTM methods. Each sample shall be kept for a minimum of one (1) year for random selection and analysis by the Department. No load of reclaimed/reprocessed oil shall be accepted for which analytical results are unavailable or for which the analytical results show non-compliance with any limitation specified for Source ID P102 in this permit.

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

(a) By December 31, 2024, the permittee shall perform the NO_x, CO, VOC and PM emissions testing on Source ID P102, while using reprocessed/reclaimed fuel oil, to verify compliance with the NO_x, CO, VOC and PM emissions limitations specified herein for Source ID P102.

(b) All testing shall be performed while Source ID P102 is being operated at its maximum normal production rate using test methods and procedures approved by the Department.

(c) If the testing required above while recycled/reprocessed oil is being fired is not performed by the deadline specified herein, recycled/reprocessed oil shall not be used as a fuel after said deadline.

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

ID C102 associated with Source ID P102 shall be equipped with instrumentation to continuously monitor differential pressure drop across the ID C102.

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

(a) The permittee shall keep records for the following information:

(1) Total quantity of asphalt concrete produced each month and the hours of operation of Source ID P102 on a monthly basis and supporting calculations used to verify compliance with the asphalt concrete throughput limitation of Source ID P102.

(2) Quantity of asphalt concrete produced each month that contains recycled asphalt pavement (RAP) and virgin aggregate mixed

(3) Quantity of recycled asphalt pavement (RAP) processed each month.

(4) The sulfur content of each shipment of fuel oil delivered to the facility,

(5) The pressure drop across the ID C102 at least once per week.

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

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

[This conditions is derived from plan approval 08-00016C]

(a) For Source ID P102, the permittee shall keep records of supporting calculations to verify compliance with annual NO_x, SO_x, CO and VOCs emissions limits. Annual NO_x, SO_x and CO emissions shall be verified using EPA Method 19 "F-factor" specified under 40 CFR Part 60, Appendix A.

**SECTION D. Source Level Requirements**

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

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

[This condition is derived from plan approval 08-00016C]

Monitoring records stating 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 NOx concentrations (ppmvd) before and after tuning; and e. The percent O2 before and after tuning.

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

(1) The permittee shall keep records of the following:

- a) the type of fuel used in the burner of Source ID P102 on a daily basis,
- b) the amount of fuel used in the burner of Source ID P102 on a daily basis,
- c) the delivery date, quantity (gallons), identity of supplier and delivery invoice number of each shipment of reclaimed/reprocessed oil delivered to the site for use in Source ID 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), sulfur content, and the flash point in degrees Fahrenheit,
- d) the results of all analyses performed on reclaimed/reprocessed oil delivered to the plant, the identity of the specific shipment of reclaimed/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,
- e) the test analyses or fuel oil certifications to verify the sulfur content, by weight, of virgin #2 fuel oil and reclaimed/reprocessed oil used in the burner of Source ID P102,
- f) the test analyses or fuel oil certifications to verify the ash content, by weight, of the reclaimed/reprocessed oil used in the burner of Source ID P102.

(2) These records shall be kept for a minimum of five (5) years and shall be provided to the Department upon request.

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

Upon Department request, the permittee shall provide analyses or samples of the fuel oil used in the burner of Source ID P102.

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

(1) The permittee shall report following to the Department on an annual basis:

- a) the type of fuel used in burner of Source ID P102 on a daily basis,
- b) the amount of fuel used in the burner of Source ID P102 on a daily basis,
- c) the delivery date, quantity (gallons), identity of supplier and delivery invoice number of each shipment of reclaimed/reprocessed oil delivered to the site for use in Source ID 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), sulfur content, and the flash point in degrees Fahrenheit,
- d) the results of all analyses performed on reclaimed/reprocessed oil delivered to the plant, the identity of the specific shipment of reclaimed/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,

**SECTION D. Source Level Requirements**

- e) the test analyses or fuel oil certifications to verify the sulfur content, by weight, of virgin #2 fuel oil and reclaimed/reprocessed oil used in the burner of Source ID P102,
- f) the test analyses or fuel oil certifications to verify the ash content, by weight, of the reclaimed/reprocessed oil used in the burner of Source ID P102.

(2) The annual report shall be submitted for the period from January 1 through December 31 no later than March 1 of the following year.

VI. WORK PRACTICE REQUIREMENTS.

024 [25 Pa. Code §127.441]

Operating permit terms and conditions.

If the permittee ever determines that the fabric collector hopper must be unloaded on a regular basis by dumping the hopper contents into a truck or onto the ground, it shall notify the Department and immediately install a dustless unloader or some other acceptable means of hopper unloading which incorporates adequate fugitive dust control.

025 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The handling and storage of the material collected in ID C102 associated with Source ID P102 shall not any time result in the emission of fugitive air contaminants in excess of the limitations specified in 25 Pa. Code Section 123.1.

026 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for ID C102 associated with Source ID P102 in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of Source ID P102 and ID C102.

VII. ADDITIONAL REQUIREMENTS.

027 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Source ID P102 shall not be used to produce asbestos-containing asphalt material.

(b) Source ID 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.

028 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P102 is a Cedar Rapids model H 60 CA-E batch mix asphalt concrete plant. The air contaminant emissions from Source ID P102 shall be controlled by an Esstee manufactured model ST-12-516 fabric collector (ID C102).

029 [25 Pa. Code §127.441]

Operating permit terms and conditions.

ID C102 associated with Source ID P102 shall be operated and maintained in accordance with the manufacturer's specification and recommendation.

030 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Source ID P102 shall not be used to produce asbestos-containing asphalt material

(b) Source ID 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.

**SECTION D. Source Level Requirements**

(c) Source ID P102 shall not be used to dry stone other than when simultaneously producing asphalt concrete.

031 [25 Pa. Code §129.64]

Cutback asphalt paving

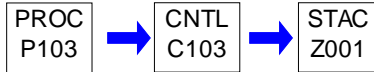
The permittee shall comply with all regulations regarding the use of cutback asphalt as described in 25 Pa. Code Section 129.64.

**SECTION D. Source Level Requirements**

Source ID: P103

Source Name: SAND AND GRAVEL OPERATION

Source Capacity/Throughput:

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

The operation of the sources of Source ID P103 shall not at any time result in the emission of fugitive particulate matter in excess of the limitation specified in 25 Pa. Code Section 123.1.

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.**

For all the conveyor transfer points, screens, and bins of Source ID P103 (with the exception of Deister model VFG-5220 vibrating grizzly feeder, L. B. Smith 50' x 42" transfer conveyor, 130' x 42" radial stacking conveyor, seco 6' x 12' four deck scalping screen, Diester 6' x 20' four deck wet screen and Svedala 8' x 20' triple deck screen), the permittee shall comply with the fugitive emission requirement specified in 40 CFR Section 60.672(b) of Subpart OOO.

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.**

For the following equipment of Source ID P103 (with the exception of Cedarrapids 36" x 48" jaw crusher), the permittee shall comply with fugitive emission requirement specified in 40 CFR Section 60.672(c):

- (a) Bar-MAC MK3-9600 Duopactor crusher
- (b) ISC model 77-VSI crusher
- (c) Bar-Mac 9000 Duopactor crusher
- (d) 500 tons per hour Haze-Mag model APSE 1320 horizontal shaft impact crusher

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.**

For the operation of Source ID P103 (with the exception of Deister model VFG-5220 vibrating grizzly feeder, Cedarrapids 36" x 48" jaw crusher, L. B. Smith 50' x 42" transfer conveyor, 130' x 42" radial stacking conveyor, seco 6' x 12' four deck scalping screen, Diester 6' x 20' four deck wet screen and Svedala 8' x 20' triple deck screen), the permittee shall comply with all of the applicable testing requirements specified in 40 CFR Part 60 Subpart OOO Section 60.675.

III. MONITORING REQUIREMENTS.

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

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

For the operation of Source ID P103 (with the exception of Deister model VFG-5220 vibrating grizzly feeder, Cedarrapids 36" x 48" jaw crusher, L. B. Smith 50' x 42" transfer conveyor, 130' x 42" radial stacking conveyor, seco 6' x 12' four deck scalping screen, Diester 6' x 20' four deck wet screen and Svedala 8' x 20' triple deck screen), the permittee shall comply with all of the applicable recordkeeping requirements specified in 40 CFR Part 60 Subpart 000 Section 60.676.

V. REPORTING REQUIREMENTS.**# 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

The submission of all request, reports, applications, submittals, and other communications required by the Standards of Performance for New Stationary Sources (Non metallic Mineral Processing Plants, 40 CFR Sections 60.670-60.676, Subpart 000) must be made to both the U. S.Environmental Protection Agency and the Department of Environmental Protection. The copies may be sent to:

Director
Air Protection Division (3APOO)
U. S. EPA, Region III
1650 Arch Street
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

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.**

For the operation of Source ID P103 (with the exception of Deister model VFG-5220 vibrating grizzly feeder, Cedarrapids 36" x 48" jaw crusher, L. B. Smith 50' x 42" transfer conveyor, 130' x 42" radial stacking conveyor, seco 6' x 12' four deck scalping screen, Diester 6' x 20' four deck wet screen and Svedala 8' x 20' triple deck screen), the permittee shall comply with all of the applicable reporting requirements specified in 40 CFR Part 60 Subpart 000 Section 60.676.

VI. WORK PRACTICE 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 ID P103 shall not be operated at any time that the associated water spray dust suppression system (ID C103) cannot be operated due to freezing weather or any other reason.

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]

**SECTION D. Source Level Requirements**

An operable water truck equipped with a pressurized spray mechanism shall be kept onsite and filled with water at all times that the Source ID P103 is operating. The truck shall be used, as needed, for the prevention and control of fugitive air contaminants emissions from plant roadways, stockpiles, etc.

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

(a) Source ID P103 is a sand and gravel operation consisting of the following equipment:

Primary Crushing

- (1) Deister model VFG-5220 vibrating grizzly feeder (F-1)
- (2) Cedarrapids 36" x 48" jaw crusher

Main Plant

- (3) Seco 6' x 16' four-deck scalping screen
- (4) Lipman model 1260 jaw crusher*
- (5) Bar-Mac MK3-9600 Duopactor crusher
- (6) Diester 6' x 20' four deck screen
- (7) Svedala 8' x 20' triple deck screen
- (8) ISC model 77-VSI crusher
- (9) Simplicity 8' x 20' triple deck shaker screen
- (10) McLanahan 10' x 25' scrubber
- (11) McLanahan 44" x 33' twin sand screw
- (12) Bar-Mac 9100 Duopactor crusher
- (13) Eagle Iron sand screw
- (14) Svedala model TD 6' x 20' double deck screen
- (15) Svedala model SH 8' x 20' triple deck screen
- (16) surge bin
- (17) Two (2) bins
- (18) Eagle 10' x 28' triple cell water scalping tank
- (19) Three Eagle sand screws

as well as various associated feeders, conveyor transfer points, etc. as further described in the applications and supplemental materials submitted for Department plan approval and

Secondary Crushing

- (20) 500 ton per hour Haze-Mag model APSE 1320 horizontal shaft impact crusher
- (21) Power Screen International model Titan distribution screen
- (22) Following conveyors associated with entire sand and gravel plant:

- One 24" x 63' conveyor
- One 24" x 64' conveyor
- One 24" x 72' conveyor
- One 24" x 78' conveyor
- One 24" x 123' conveyor
- One 24" x 178' conveyor
- One 24" x 220' conveyor

- Two 30" x 21' conveyors
- Two 30" x 22' conveyors
- One 30" x 42' conveyor

**SECTION D. Source Level Requirements**

- One 30" x 91' conveyor
- Two 30" x 99' conveyors
- Two 30" x 100' conveyors
- One 30" x 101' conveyor
- One 30" x 102' conveyor
- Two 30" x 110' conveyors
- One 30" x 126' conveyor
- One 30" x 127' conveyor
- One 30" x 131' conveyor
- Two 30" x 238' conveyors
- One 30" x 333' conveyor

- Two 36" x 23' conveyors
- One 36" x 87' conveyor
- One 36" x 102' conveyor
- One 36" x 107' conveyor
- One 36" x 135' conveyor
- One 36" x 160' conveyor
- One 36" x 175' conveyor
- One 36" x 238' conveyor

- One 42" x 29' conveyor
- One 42" x 46' conveyor
- One 42" x 122' conveyor
- One 42" x 130' conveyor
- One 42" x 181' conveyor
- One 42" x 274' conveyor
- One 42" x 347' conveyor

- One 48" x 43' conveyor
- One 48" x 45' conveyor

(b) Any of the above equipment of Source ID P103 may 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 60.670-60.676, and provided that the replacement equipment is of equivalent design and function (i.e. a cone crusher may be replaced with a cone crusher, etc.). The permittee shall notify the Department of any such replacement within one week of the completion of construction of the replacement equipment.

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]

(1) The air contaminant emissions from Source ID P103 shall be controlled by a high pressure water spray dust suppression system (ID C103) which shall, at a minimum, incorporate the following spray nozzles or spray bars:

- (a) One spray bar at the inlet of the Cedarapids 36" x 48" jaw crusher and one spray nozzle at the outlet, both equipped with multiple atomizing-type spray nozzles.
- (b) One spray nozzle associated with the Haze-Mag model APSE 1320 horizontal shaft impact crusher.
- (c) One spray nozzle associated with the Svedala Industries model XH 5' x 16' double deck screen.
- (d) One spray nozzle associated with the Power Screen International model Titan distribution screen.
- (e) Three spray nozzles at each discharge of the ISC model 77-VSI crusher.
- (f) Three spray nozzles at the discharge of the Bar-Mac 9000 Duopactor crusher.

The permittee may add additional spray nozzles or spray bars to the above water spray dust suppression system (ID C103) without Department plan approval but may not remove or delete any spray nozzle or spray bar specifically identified above in

**SECTION D. Source Level Requirements**

this condition.

(2) ID C103 associated with Source ID P103, as described in item #1, shall be connected to an on-demand water source capable of delivering an adequate supply of water at any time the equipment of Source ID P103 are in operation. On-demand shall be interpreted as meaning that adequate water can be provided to all spray nozzles and spray bars at any time with no more effort than turning a valve.

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

The ISC model 77-VSI crusher drive motor shall only be powered from the utility electric grid service

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.**

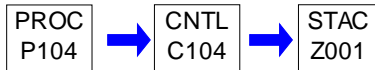
Source ID P103 (with the exception of Deister model VFG-5220 vibrating grizzly feeder, Cedarrapids 36" x 48" jaw crusher, L. B. Smith 50' x 42" transfer conveyor, 130' x 42" radial stacking conveyor, seco 6' x 12' four deck scalping screen, Diester 6' x 20' four deck wet screen and Svedala 8' x 20' triple deck screen) 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: P104

Source Name: 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.

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

V. REPORTING REQUIREMENTS.

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

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

(a) An operable water truck equipped with a pressurized water spray mechanism shall be kept on site and available for immediate use at all times that the facility is operating.

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

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

Source ID P104 consists of site haul roads at the Chemung Plant facility.

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

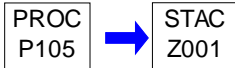
The site haul roads shall be in compliance with 25 Pa. Code Sections 123.1 and 123.2. Compliance with 25 Pa. Code Sections 123.1 and 123.2 shall be achieved through the use of water spray or usage of other DEP approved suppression agent.

**SECTION D. Source Level Requirements**

Source ID: P105

Source Name: PARTS WASHER

Source Capacity/Throughput:

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

(a) The individual hazardous air pollutant (HAP) emission from Source ID P105 shall not be equal to or exceed 1 tons in any 12 consecutive month period.

(b) The total combined HAPs emissions from Source ID P105 shall not be equal or exceed 2.5 tons 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.**

(a) The permittee shall keep records of the supporting calculations of individual HAP and total combined HAPs emissions from Source ID P105 to verify compliance with the individual HAP and total combined HAPs emissions limitations.

(b) These records shall be retained for a minimum of five years and shall be made available 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 records of 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 P105.

004 [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]

(a) The permittee shall keep records of the following:

(1) The name and address of the solvent supplier,

**SECTION D. Source Level Requirements**

- (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.

(b) These 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.**# 005 [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 parts washer of Source ID P105 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.**

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

The vapor pressure of VOC containing solvent used in Source P105 shall be less than 1.0 millimeter of mercury (mm Hg) measured at 20 degrees Celsius (68 degrees Fahrenheit).

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

The parts washer of Source ID P105 shall have a permanent, conspicuous label summarizing all required operating procedures specified in Condition #003 for Source ID P105. 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.

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

The parts washer of Source ID P105 shall be equipped with a cover that shall be closed at all times except during the cleaning of parts or the addition or removal of solvent. For parts washer of Source ID P105, a perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

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

Source ID P105 consists of one remote reservoir cold cleaning recirculatory type parts washer, installed 2002.

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

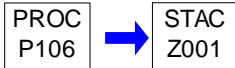
The parts washer of Source ID P105 is subject to 25 Pa. Code Section 129.63(a) (Degreasing Operations - Cold Cleaning Machines). The permittee shall comply with all applicable requirements specified in 25 Pa. Code Section 129.63(a).

**SECTION D. Source Level Requirements**

Source ID: P106

Source Name: STORAGE TANKS

Source Capacity/Throughput:

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

The permittee shall not store any liquid containing volatile organic compounds (VOCs) with a vapor pressure greater than 1.5 psia (10 kilopascals) under actual storage conditions in any storage tank of Source ID P106.

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.**

(a) The permittee shall keep a record of the vapor pressure of the liquid stored in each storage tank of Source ID P106 unless the tank is equipped with pressure relief valves.

(b) These 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.

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

Source ID P106 consist of following storage tanks at the Chemung plant:

- (1) one asphalt storage tank with 275,000 gallons capacity (batch/drum plants)
- (2) one asphalt storage tank with 25,000 gallons capacity (batch plant)

**SECTION D. Source Level Requirements**

- (3) one asphalt storage tank with 20,000 gallons capacity ((batch plant)
- (4) two asphalt storage tanks each 30,000 gallons capacity (drum plant)
- (5) one diesel storage tank with 10, 000 gallons capacity (plant equipment)
- (6) one diesel storage tank with 1, 000 gallons capacity (plant equipment)
- (7) one reprocessed fuel oil (RFO) storage tank with 275,000 gallons capacity (drum/batch plants)
- (8) one diesel storage tank with 10, 000 gallons capacity (batch plant)
- (9) one diesel storage tank with 8, 000 gallons capacity (drum plant)
- (10) one waste oil storage tank with 1,000 gallons capacity (in future for plant equipment)
- (11) one waste oil storage tank with 250 gallons capacity (in future for plant equipment)
- (12) one diesel storage tank with 100 gallons capacity (plant equipment)
- (13) one RFO storage tank with 10, 000 gallons capacity (drum plant)
- (14) one RFO storage tank with 8, 000 gallons capacity (drum plant)

**SECTION D. Source Level Requirements**

Source ID: P201

Source Name: FLOATING DREDGE OPERATION

Source Capacity/Throughput: 400.000 Tons/HR

**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) 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 [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 any visible fugitive emissions from the wash screens or any subsequent belt conveyors of Source ID P201 up to the material's entry into the next crusher of Source ID P201.

II. TESTING REQUIREMENTS.**# 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.**

[Additional authority for this permit condition is derived from 40 CFR Part 60, Subpart OOO, Section 60.675]

For equipment of Source ID P201, the permittee shall comply with the test methods and procedures specified in 40 CFR Part 60, Section 60.675(c), (e) and (h) that verifies compliance with the fugitive particulate matter emission limitations.

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

The submissions of all requests, reports, applications, submittals and other communications required by the Standards of Performance must be made to both the Department of Environmental Protection and the Environmental Protection Agency. The Environmental Protection Agency copies may be sent to:

Director
Air, Toxics and Radiation Division
U.S. EPA, Region III
1650, Arch Street
Philadelphia, PA 19103

VI. WORK PRACTICE REQUIREMENTS.**# 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 material from the 6' x 20' double-deck Diester wash screen shall be delivered to the 30" x 42" Telsmith model "D" jaw crusher through the telescopic chutes with a minimum possible free fall distance in the transfer point.

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 water spray dust suppression system (ID C201) associated with the floating dredge operation (ID P201) shall be operated on any and all occasions that the sources of ID P201 are operated, except in those unusual instances where conditions are such that operation of the sources without the simultaneous operation of ID C201 can take place without creating air contaminant emissions in excess of the limitations specified in 25 Pa. Code Section 123.1 and 123.2 or in Subpart 000 of the Federal Standards for Performance for New Stationary Sources, 40 CFR Part 60 Subpart 000 Sections 60.670-60.676. If, however, ID C201 associated with the sources of ID P201 is incapable of operation due to weather conditions or any other reason sources of ID P201 may not be operated at all.

VII. ADDITIONAL REQUIREMENTS.**# 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 equipment of the floating dredge operation (ID P201) shall be powered on direct or commercial electrical lines. The permittee shall not construct or install any fuel-burning generators, stationary engines or engine/generator sets without prior

**SECTION D. Source Level Requirements**

Department approval.

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

(a) Source ID P201 is a floating dredge operation which consists of the following equipment:

- 1) one 30" x 42" Telsmith model "D" jaw crusher
- 2) one 6' x 12' Diester model BFO-1612-DW sand dewatering screen
- 3) one 6' x 20' double-deck Diester wash screen
- 4) one 30" x 2800' conveyor
- 5) one 30"x98' radial stacking conveyor
- 6) two 30"x177' floating conveyors
- 7) one 30" x 360' conveyor
- 8) one 30" x 182' floating conveyor
- 9) one 30" x 190' conveyor
- 10) one 42" x 57.5' conveyor
- 11) one 42" x 28' conveyor
- 12) one 36" x 81.5' conveyor
- 13) one 36" x 150' conveyor

and associated transfer chutes and sand collection tank.

Any of the equipment listed above may 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 Standard 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 a jaw crusher may be replaced with a jaw crusher, etc.). The permittee shall notify the Department, in writing, prior to the replacement.

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]

The air contaminant emissions from this floating dredge operation (ID P201) shall be controlled by a high pressure water spray dust suppression system (ID C201) which shall, at a minimum, incorporate the following spray nozzles:

- (1) One spray nozzle at the discharge end of the 30" x 42" Telsmith model "D" jaw crusher
- (2) Ten spray nozzles on the 6' x 20' double-deck Diester wash screen

Additional spray nozzles may be installed without Department approval but none of those identified above should be omitted, deleted or removed without obtaining Department approval.

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]

If at any time, the Department determines that air contaminant emissions from the equipment of ID P201 are in excess of any applicable air contaminant emission limitation, the permittee shall immediately install additional spray nozzles and/or take such other control measures as are necessary to reduce the air contaminant emissions to within the applicable limitations.

**SECTION D. Source Level Requirements****# 011 [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.**

All equipment of the floating dredge operation (ID P201) is subject to Federal Standards of Performance for New Stationary Sources (NSPS), 40 CFR Part 60, Subpart OOO, Sections 60.670-60.676 for non-metallic mineral processing plant. The permittee shall comply with all applicable requirements of 40 CFR Part 60, Sections 60.670-60.676.



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 Stanstul HH Series 2.2 MMBtu per hour natural gas/#2 fuel oil fired heater is considered to the Department to be insignificant with regards to air contaminant emissions and has been determined to be exempt from permitting requirements. However, this determination does not exempt the sources from compliance with all applicable State and Federal regulation and all applicable air quality regulations specified in 25 Pa. Code Chapters 121-145.



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