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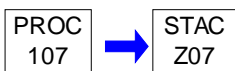
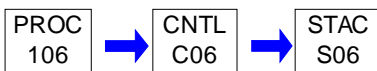
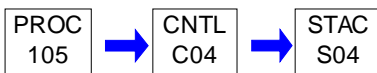
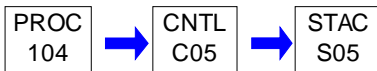
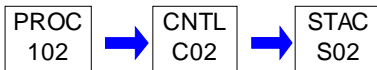
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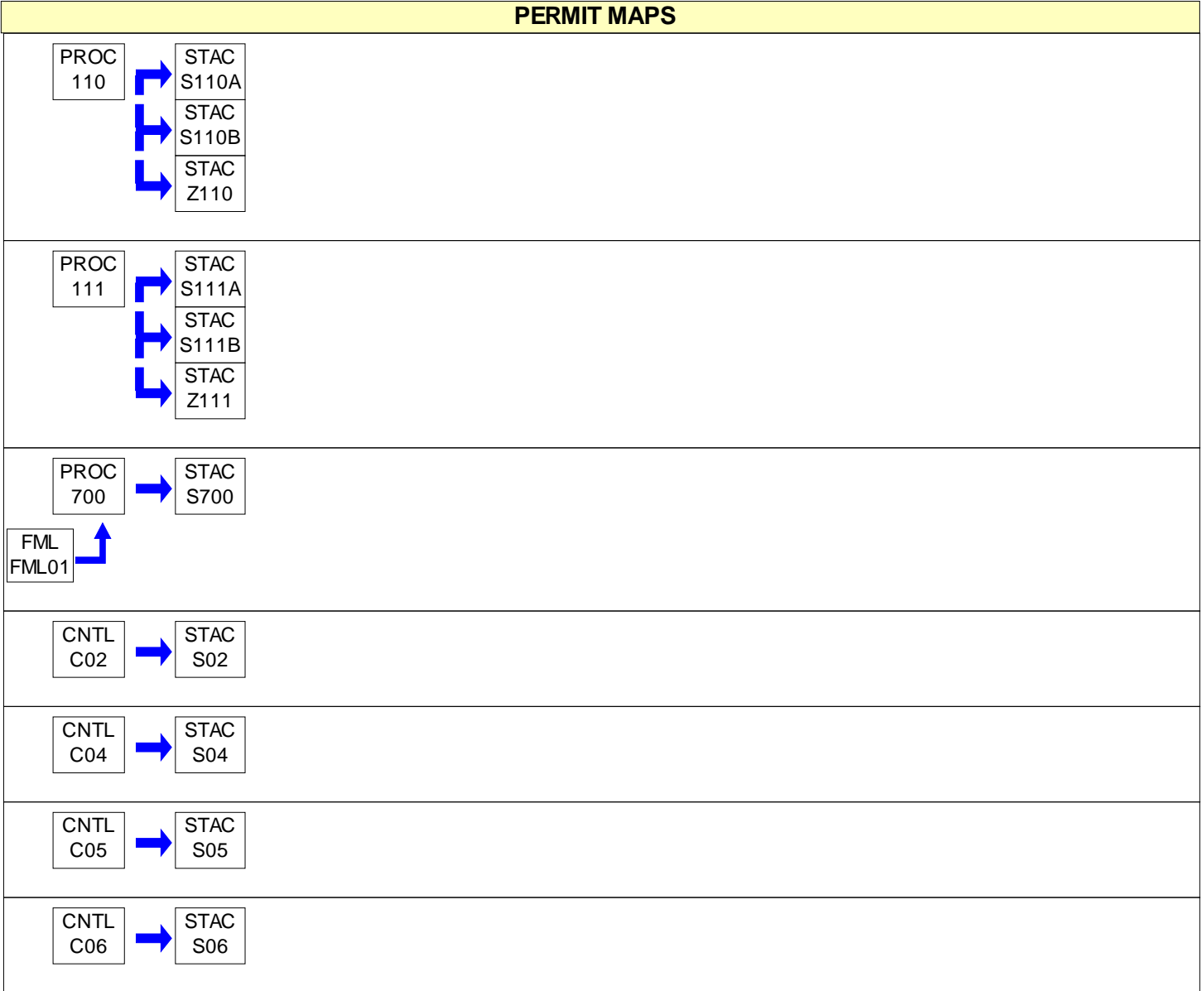
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
102	PNEUMATIC UNLOADING SYSTEM	606.000 Tons/HR	CEMENT/COAL FLY ASH
104	DOME #1	N/A	CEMENT/COAL FLY ASH
105	DOME #2	N/A	CEMENT/COAL FLY ASH
106	DOME #3	N/A	CEMENT/COAL FLY ASH
107	BULK MATERIAL HANDLING SYSTEM	1,000.000 Tons/HR	VARIOUS MATERIALS
110	PRIMARY LOAD-OUT STATION	N/A	CEMENT/COAL FLY ASH
111	DOME #2 LOAD-OUT STATION	N/A	CEMENT/COAL FLY ASH
700	300 KW CAT GENERATOR	19.400 Gal/HR	Diesel Fuel
C02	PNEUMATIC UNLOADING DUST COLLECTOR	N/A	CEMENT/COAL FLY ASH
C04	DOME #2 DUST COLLECTOR	N/A	CEMENT/COAL FLY ASH
C05	DOME #1 DUST COLLECTOR	N/A	CEMENT/COAL FLY ASH
C06	DOME #3 DUST COLLECTOR	N/A	CEMENT/COAL FLY ASH
FML01	DIESEL FUEL		
S02	PNEUMATIC UNLOADING STACK		
S04	DOME #2 DUST COLLECTOR STACK		
S05	DOME #1 DUST COLLECTOR STACK		
S06	DOME #3 DUST COLLECTOR STACK		
S110A	PNEUMATIC TRANSFER DC STACK		
S110B	LOAD-OUT SPOUT DC STACK		
S111A	PNEUMATIC TRANSFER DC STACK		
S111B	LOAD-OUT SPOUT DC STACK		
S700	300 KW CAT GENERATOR STACK		
Z07	BULK MATERIAL FUGITIVE EMISSIONS		
Z110	LOAD-OUT SPOUT - FUGITIVE		
Z111	LOAD-OUT SPOUT - FUGITIVE		

PERMIT MAPS



PERMIT MAPS



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(1) Section 127.14 (relating to exemptions)

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION 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 §121.7]****Prohibition of air pollution.**

No person may permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. Section 4003).

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

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

- (a) Construction or demolition of buildings or structures.
- (b) Grading, paving, and maintenance of roads and streets.
- (c) 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.
- (d) Clearing of land.
- (e) Stockpiling of materials.
- (f) Open burning operations, as specified in 25 Pa. Code § 129.14;
- (g) Blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting; and,
- (h) Sources, and classes of sources, other than those identified in (a) - (g) above, for which the operator has obtained a determination from the Department, in accordance with 25 Pa. Code § 123.1(b), that fugitive emissions from the source, after appropriate controls, meet the following requirements:
 - (1) The emissions are of minor significance with respect to causing air pollution; and
 - (2) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

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

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #002, of this Section, if such emissions are visible at the point the emissions pass outside the person's property.

004 [25 Pa. Code §123.31]**Limitations**

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

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

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

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

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

The opacity limitations as per 25 Pa. Code § 123.41 shall not apply to a visible emission in any of the following instances:

**SECTION C. Site Level Requirements**

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

007 [25 Pa. Code §139.14]**Emissions of VOCs.**

The permittee may not permit the open burning of material in the Southeast Air Basin, except when the open burning results from:

- (a) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.
- (b) Any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (c) A fire set for the prevention and control of disease or pests, when approved by the Department.
- (d) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.
- (e) A fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of the structure.
- (f) A fire set solely for recreational or ceremonial purposes.
- (g) A fire set solely for cooking food.

II. TESTING REQUIREMENTS.**# 008 [25 Pa. Code §139.3]****General requirements.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.411]

- (a) If at any time the Department has cause to believe that air contaminant emissions from any source may be in excess of the limitations specified in this permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).
- (b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139 and the most current version of the DEP Source Testing Manual, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

III. MONITORING REQUIREMENTS.**# 009 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

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

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

(a) The permittee shall monitor the facility, once per operating day, for the following:

- (1) Odors which may be objectionable (as per 25 Pa. Code §123.31).
- (2) Visible emissions (as per 25 Pa. Code §§123.41 and 123.42).
- (3) Fugitive particulate matter (as per 25 Pa. Code §§ 123.1 and 123.2).

(b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall:

- (1) Be investigated;
- (2) Be reported to the facility management, or individual(s) designated by the permittee;
- (3) Have appropriate corrective action taken (for emissions that originate on-site); and,
- (4) Be recorded in a permanent written log.

(c) After six (6) months of daily monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly for the next six month period.

(d) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.

(e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification, complaints, monitoring results, and/or Department findings.

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

All records required herein this Operating Permit shall be maintained for a minimum of five years and made readily available to the Department upon request.

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

The permittee shall maintain a record of all monitoring of fugitive emissions, visible emissions and odors, including those that deviate from the conditions found in this permit. The record of deviations shall contain, at a minimum, the following items:

- (a) Date, time, and location of the incident(s).
- (b) The cause of the event.
- (c) The corrective action taken, if necessary, to abate the situation and prevent future occurrences.

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

The permittee shall maintain records of all the facility's increases of emissions from the following categories:

- (a) De minimis increases without notification to the Department.
- (b) De minimis increases with notification to the Department, via letter.
- (c) Increases resulting from a Request for Determination (RFD) to the Department.
- (d) Increases resulting from the issuance of a plan approval and subsequent operating permit.

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

[Additional authority for this permit condition is also derived from 40 CFR Part 68]

- (a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release

**SECTION C. Site Level Requirements**

program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the threshold quantity at a facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:

- (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:
 - (i) Three years after the date on which a regulated substance is first listed under 40 CFR § 68.130; or,
 - (ii) The date on which a regulated substance is first present above a threshold quantity in a process.
- (2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.
- (3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this permit condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

(d) If this facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:

- (1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,
- (2) Certify that this facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

(e) If this facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.

(f) When this facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if the permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

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

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department at 484-250-5920. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

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

**SECTION C. Site Level Requirements**

(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; and
- (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.

VI. WORK PRACTICE REQUIREMENTS.**# 016 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

A person responsible for any source specified in Condition #002 of this Section, shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

- (a) Use, where possible, of water or suitable chemicals, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (b) Application of asphalt, water, or other suitable chemicals, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (c) Paving and maintenance of roadways.
- (d) 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 by other means.

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

The permittee shall immediately, upon discovery, implement measures, which may include the application for the installation of an air cleaning device(s), if necessary, to reduce the air contaminant emissions to within applicable limitations, if at any time the operation of the source(s) identified in Section A of this permit, is causing the emission of air contaminants in excess of the limitations specified in, or established pursuant to, 25 Pa. Code Article III, or any other applicable rule promulgated under the Clean Air Act.

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

The permittee may not modify any air contaminant system identified in this permit, prior to obtaining Department approval, except those modifications authorized by Condition #013(g), of Section B, of this permit.

**SECTION C. Site Level Requirements****# 019 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

No crushing activities shall be conducted at this facility without prior approval from the Department.

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

The permittee shall ensure that the source(s) and air pollution control device(s) identified herein this Operating Permit are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturer's specifications.

VII. ADDITIONAL REQUIREMENTS.

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

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

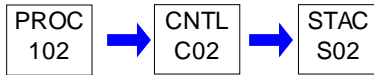
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 102

Source Name: PNEUMATIC UNLOADING SYSTEM

Source Capacity/Throughput: 606.000 Tons/HR CEMENT/COAL FLY ASH

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

This source is approved to handle cement and coal fly ash. No other types of fly ash are approved for handling through this source.

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

The Pneumatic Unloading System and Pneumatic Unloading Dust Collector (Source ID C02) are limited to a throughput of 872,640 tons per 12-month rolling 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.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Each day that the Pneumatic Unloading System is operating, it shall be inspected for leaks and proper operation.

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

The results of the inspection for leaks and proper operation of the Pneumatic Unloading System shall be recorded each day that it is operated.

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

(a) The throughput for the Pneumatic Unloading System shall be recorded each day that the Pneumatic Unloading System is operated.

(b) The throughput shall be aggregated each month and as a 12-month consecutive rolling total.

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

All malfunctions of the Pneumatic Unloading System and Pneumatic Unloading Dust Collector (Source ID C02) shall be recorded to include:

- (a) Type of malfunction;
- (b) Date and time;
- (c) Operators name;
- (d) Corrective action taken; and,
- (e) All excessive emissions occurring as a result of the malfunction.

**SECTION D. Source Level Requirements****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep records of the following on a per ship basis:

- (a) Dates of ship unloading;
- (b) Hourly average wind speed and direction during the unloading operation;
- (c) Tonnage unloaded; and,
- (d) The duration (in hours) of the unloading period.

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

Employee training records shall include the following:

- (a) Name;
- (b) Date of training; and
- (c) Trainers name.

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

All emissions from the Pneumatic Unloading System shall be directed to the Pneumatic Unloading Dust Collector (Source ID C02).

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

(a) Only properly trained employees shall operate the Pneumatic Unloading System.

(b) A properly trained employee is defined as one who has received training on the Pneumatic Unloading System from the manufacturer of the Pneumatic Unloading System or someone who has been trained by another employee trained directly by the manufacturer of the Pneumatic Unloading System.

(c) Only those employees trained by the manufacturer can train other employees at the facility to operate the Pneumatic Unloading System. An employee who has not been trained by the manufacturer of the Pneumatic Unloading System to operate the Pneumatic Unloading System cannot train other employees to operate the Pneumatic Unloading System.

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

If the Pneumatic Unloading System, including the Pneumatic Unloading Dust Collector, is not operating properly, all material unloading shall be terminated until the malfunction is corrected.

VII. ADDITIONAL REQUIREMENTS.**# 012 [25 Pa. Code §127.411]****Content of applications.**

The pneumatic unloading system is manufactured by Van Aalst Bulk Handling, with a maximum rated capacity of 606 tons/hr.

**SECTION D. Source Level Requirements**

Source ID: 104

Source Name: DOME #1

Source Capacity/Throughput:

N/A

CEMENT/COAL FLY ASH

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

001 [25 Pa. Code §123.1]
Prohibition of certain fugitive emissions

Truck loading shall not result in any visible emissions.

Throughput Restriction(s).

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

This source is approved to handle cement and coal fly ash. No other types of fly ash are approved for handling through this source.

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.

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

The permittee shall monitor the material throughput for this source on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

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

The permittee shall record the material throughput for this source on a monthly basis.

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.

When the dome is being filled, particulate matter (PM) emissions shall be vented to the Dome #1 Dust Collector (Source ID C05).

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

The permittee shall ensure that the Dome #1 Dust Collector (Source ID C05) is operational and has sufficient air flow whenever it is used to control PM emissions from the dome.

**SECTION D. Source Level Requirements**

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall follow good engineering practices to eliminate fugitive emissions.

VII. ADDITIONAL REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Dome #1, manufactured by DomTec, has a capacity of 35,000 metric tons.

**SECTION D. Source Level Requirements**

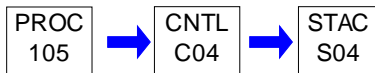
Source ID: 105

Source Name: DOME #2

Source Capacity/Throughput:

N/A

CEMENT/COAL FLY ASH

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

001 [25 Pa. Code §123.1]
Prohibition of certain fugitive emissions

Truck loading shall not result in any visible emissions.

Throughput Restriction(s).

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

This source is approved to handle cement and coal fly ash. No other types of fly ash are approved for handling through this source.

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.

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

The permittee shall monitor the material throughput for this source on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

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

The permittee shall record the material throughput for this source on a monthly basis.

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.

When the dome is being filled, particulate matter (PM) emissions shall be vented to the Dome #2 Dust Collector (Source ID C04).

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

The permittee shall follow good engineering practices to eliminate fugitive emissions.

**SECTION D. Source Level Requirements****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall ensure that the Dome #2 Dust Collector (Source ID C04) is operational and has sufficient air flow whenever it is used to control PM emissions from the dome.

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

Dome #2, manufactured by DomTec, has a capacity of 65,000 metric tons.

**SECTION D. Source Level Requirements**

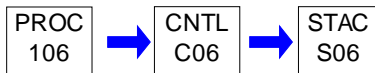
Source ID: 106

Source Name: DOME #3

Source Capacity/Throughput:

N/A

CEMENT/COAL FLY ASH

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

001 [25 Pa. Code §123.1]
Prohibition of certain fugitive emissions

Truck loading shall not result in any visible emissions.

Throughput Restriction(s).

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

This source is approved to handle cement and coal fly ash. No other types of fly ash are approved for handling through this source.

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.

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

The permittee shall monitor the material throughput for this source on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

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

The permittee shall record the material throughput for this source on a monthly basis.

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.

When the dome is being filled, particulate matter (PM) emissions shall be vented to the Dome #3 Dust Collector (Source ID C06).

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

The permittee shall follow good engineering practices to eliminate fugitive emissions.

**SECTION D. Source Level Requirements****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall ensure that the Dome #3 Dust Collector (Source ID C06) is operational and has sufficient air flow whenever it is used to control PM emissions from the dome.

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

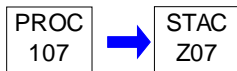
Dome #3, manufactured by Dome Tec, has a capacity of 65,000 metric tons.

**SECTION D. Source Level Requirements**

Source ID: 107

Source Name: BULK MATERIAL HANDLING SYSTEM

Source Capacity/Throughput: 1,000.000 Tons/HR VARIOUS MATERIALS

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

(a) The Bulk Material Handling System (Source ID 107) shall be limited to bulk material unloading from a ship, associated grabs, bins, covered conveyor systems, and a telescoping stacker.

(b) The maximum capacity of the Bulk Material Handling System shall be 1,000 tons per hour. The types of materials approved for unloading are gypsum, pumice, slag, salt, and similar sized materials.

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.**

Frequency and description of all measures to reduce fugitive particulate matter from roads within the property shall be entered into a logbook.

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

The owner/operator shall keep records of each ship unloading with date, duration of unloading, and total material unloaded in tons with types of material unloaded.

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

(a) The Bulk Material Handling System shall be equipped with a wet suppression system. The nozzles shall be located at all transfer points wherever fugitive dust may arise. The wet suppression system shall be designed and operated to minimize fugitive dust.

(b) The wet suppression system shall be operated at all times that material is unloaded or being handled by any

**SECTION D. Source Level Requirements**

associated equipment. The wet suppression system shall have the following requirements:

Manufacturer: NESCO
 Model No.: Dustboy 204
 Water Flow rate: 20 gallons per minute (minimum)
 Pressure: 60 pounds per square inch (minimum)

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

If, at any time, the owner/operator finds that the wet suppression system is not operating properly to minimize fugitive dust from being airborne, the owner/operator must take appropriate corrective action immediately. The unloading of bulk material shall be suspended until the wet suppression system starts to operate properly.

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

All conveyor belts shall be covered, with the exception of the telescoping stacker.

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

Stockpiles shall be maintained in an appropriate manner to minimize fugitive emissions of particulate matter. If necessary, stockpiles shall be wetted to minimize entrainment of particulate matter in the air.

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

All roads within the property shall be maintained in a manner that reduces fugitive particulate matter emissions.

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

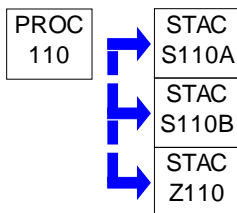
Source ID: 110

Source Name: PRIMARY LOAD-OUT STATION

Source Capacity/Throughput:

N/A

CEMENT/COAL FLY ASH

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

001 [25 Pa. Code §123.1]
Prohibition of certain fugitive emissions

Truck loading shall not result in any fugitive emissions.

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

Emissions of particulate matter (PM) from the Pneumatic Transfer Dust Collectors and the Load-out Spouts with Dust Collection System shall not exceed 0.02 grains per dry standard cubic feet.

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.

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

(a) Each Pneumatic Transfer Dust Collector associated with Source ID 110 shall be equipped with a pressure drop gauge to measure the pressure drop across the dust collector filters.

(b) Each Load-out Spout with Dust Collection System associated with Source ID 110 shall be equipped with a pressure drop gauge to measure the pressure drop across the dust collector filters.

(c) The permittee shall monitor all pressure drop gauges associated with Source ID 110 on a daily basis, when Source ID 110 is operating.

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

The permittee shall monitor the material throughput for this source on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

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

The permittee shall record the pressure drop from all pressure drop gauges associated with Source ID 110 on a daily basis, when Source ID 110 is operating.

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

The permittee shall record the material throughput for this source on a monthly basis.

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

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

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

(a) The pressure drop associated with each Pneumatic Transfer Dust Collector associated with Source ID 110 shall be maintained between 0.5 and 6.5 inches w.g.

(b) The pressure drop associated with each Load-out Spout with Dust Collection System associated with Source ID 110 shall be maintained between 1.5 and 6.5 inches w.g.

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

The permittee shall keep on hand a sufficient quantity of spare filters for Source ID 110 in order to be able to immediately replace any filters requiring replacement due to deterioration resulting from routine operation of this source.

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

Source ID 110 is a dual truck load-out station, manufactured by DLC, Inc., with two Schenck loading bins, each with a dust collector.

**SECTION D. Source Level Requirements**

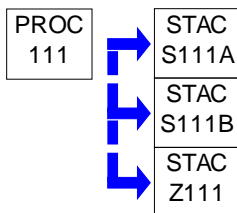
Source ID: 111

Source Name: DOME #2 LOAD-OUT STATION

Source Capacity/Throughput:

N/A

CEMENT/COAL FLY ASH

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

001 [25 Pa. Code §123.1]
Prohibition of certain fugitive emissions

Truck loading shall not result in any fugitive emissions.

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

Emissions of particulate matter (PM) from the Pneumatic Transfer Dust Collector and the Load-out Spouts with Dust Collection System shall not exceed 0.02 grains per dry standard cubic feet.

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.

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

(a) The Pneumatic Transfer Dust Collector associated with Source ID 111 shall be equipped with a pressure drop gauge to measure the pressure drop across the dust collector filters.

(b) Each Load-out Spout with Dust Collection System associated with Source ID 111 shall be equipped with a pressure drop gauge to measure the pressure drop across the dust collector filters.

(c) The permittee shall monitor all pressure drop gauges associated with Source ID 111 on a daily basis, when Source ID 111 is operating.

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

The permittee shall monitor the material throughput for this source on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

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

The permittee shall record the pressure drop from all pressure drop gauges associated with Source ID 111 on a daily basis, when Source ID 111 is operating.

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

The permittee shall record the material throughput for this source on a monthly basis.



SECTION D. Source Level Requirements

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The pressure drop associated with each Pneumatic Transfer Dust Collector associated with Source ID 111 shall be maintained between 0.5 and 6.5 inches w.g.

(b) The pressure drop associated with each Load-out Spout with Dust Collection System associated with Source ID 111 shall be maintained between 1.5 and 6.5 inches w.g.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep on hand a sufficient quantity of spare filters for Source ID 111 in order to be able to immediately replace any filters requiring replacement due to deterioration resulting from routine operation of this source.

VII. ADDITIONAL REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 111 is a dual truck load-out station, manufactured by DLC, Inc., with a Schenck loading bin and dust collector.

**SECTION D. Source Level Requirements**

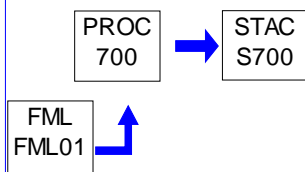
Source ID: 700

Source Name: 300 KW CAT GENERATOR

Source Capacity/Throughput:

19.400 Gal/HR

Diesel Fuel

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

001 [25 Pa. Code §123.13]

Processes

Particulate matter emissions from the 300 kW CAT Generator shall not exceed 0.04 gr/dscf.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The 300 kW CAT Generator shall comply with the following emission limits:

- (a) NO_x - 9.2 g/kWh, 6.9 g/bhp-hr, 100 lbs/hr, 1000 lbs/day, 2.75 tons per ozone season (May 1 through September 30) and 6.6 tons per 12-month rolling sum
- (b) VOC - 1.3 g/kWh and 1.0 g/bhp-hr
- (c) CO - 11.4 g/kWh and 2.0 g/bhp-hr
- (d) PM - 0.54 g/kWh and 0.4 g/bhp-hr

Fuel Restriction(s).

003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6604]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**What fuel requirements must I meet if I own or operate an existing stationary CI RICE?**

An existing emergency compression ignition (CI) stationary RICE with a site rating of more than 100 brake HP and a displacement of less than 30 liters per cylinder that uses diesel fuel and operates or is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in 40 CFR § 63.6640(f)(2)(ii) and (iii) (as incorporated herein this operating permit) or that operates for the purpose specified in § 63.6640(f)(4)(ii), you must use diesel fuel that meets the per-gallon requirements in 40 CFR 80.510(b) for non-road diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to January 1, 2015, may be used until depleted:

- (a) Sulfur content - 15 ppm, maximum
- (b) Cetane index or aromatic content, as follows:
 - (1) A minimum cetane index of 40; or
 - (2) A maximum aromatic content of 35 volume percent.

Operation Hours Restriction(s).

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**What are my monitoring, installation, operation, and maintenance requirements?**

**SECTION D. Source Level Requirements**

The permittee shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

(a) The permittee shall operate this reciprocating internal combustion engines (RICE) according to the requirements in the most recent version of 40 CFR § 63.6640(f).

(b) If the permittee does not operate the engine according to the requirements of 40 CFR § 63.6640(f), the engine will not be considered an emergency engine under 40 CFR Part 63, Subpart ZZZZ, and must meet all requirements for non-emergency engines.

II. TESTING REQUIREMENTS.**# 006 [25 Pa. Code §139.16]****Sulfur in fuel oil.**

(a) The following are applicable to the analysis of commercial fuel oil for each delivery of fuel oil to the facility:

- (1) The fuel oil sample for chemical analysis shall be collected in a manner that provides a representative sample.
- (2) Test methods and procedures for the determination of sulfur, cetane index, and aromatic content shall be those approved by the Department.
- (3) Results shall be reported in accordance with the units specified in 25 Pa. Code § 123.22 (relating to combustion units) and 40 CFR 80.510(b).

(b) The requirements in subpart (a), above, shall be waived in the event that a delivery receipt is provided by the supplier each time a fuel oil delivery is made that demonstrates compliance with the applicable sulfur limit, cetane index, and aromatic content requirements.

III. MONITORING REQUIREMENTS.**# 007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

This RICE shall be equipped with a functional, non-resettable hour meter to monitor the hours of operation of the RICE.

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

(a) The permittee shall maintain records to demonstrate compliance with all applicable emission limits.

(b) The permittee shall maintain records to demonstrate compliance with the applicable sulfur limit, cetane index, and aromatic content requirements.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What records must I keep?**

[Additional authority for this permit condition is also derived from 40 CFR § 63.6640]

**SECTION D. Source Level Requirements**

(a) The permittee shall maintain the following records for this RICE:

- (1) A copy of each notification and report that is submitted to comply with 40 CFR Part 63, Subpart ZZZZ, including all documentation supporting any Initial Notification or Notification of Compliance Status that is submitted, according to the requirement in 40 CFR § 63.10(b)(2)(xiv).
- (2) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) and/or monitoring equipment.
- (3) Records of all required maintenance performed on the unit and on the monitoring equipment, including oil analysis and results.
- (4) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR § 63.6605(b), including corrective actions to restore malfunctioning process and monitoring equipment to its normal or usual manner of operation.

(b) The permittee shall maintain records to demonstrate compliance with either of the following, for this RICE:

- (1) Operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or,
- (2) Operating and maintaining the stationary RICE according to a maintenance plan developed by the permittee such that it provides to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

(c) The permittee shall record of the hours of operation of this RICE each time it is operated. The permittee shall document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engine is used for the purposes specified in 40 CFR § 63.6640(f)(2)(ii) or (iii) or § 63.6640(f)(4)(ii), as identified herein this operating permit, the permittee shall keep records of the notification of the emergency situation, and the date, start time, and end time of engine operation for these purposes.

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6660]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

In what form and how long must I keep my records?

[Additional authority for this permit condition is also derived from 40 CFR § 63.10(b)(1)]

- (a) Records required for this source shall be in a form suitable and readily available for expeditious review.
- (b) The permittee shall maintain each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
- (c) The permittee shall keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record.

V. REPORTING REQUIREMENTS.

011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6650]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What reports must I submit and when?

The following requirements are applicable to this RICE: if an emergency stationary RICE operates or is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in 40 CFR § 63.6640(f)(2)(ii) and (iii) (as identified herein this operating permit) or that operates for the purpose specified in 40 CFR § 63.6640(f)(4)(ii) (also identified herein this operating permit), the permittee must submit an annual report according to the following conditions:

**SECTION D. Source Level Requirements**

(a) The report must contain the following information:

- (1) Company name and address where the engine is located.
- (2) Date of the report and beginning and ending dates of the reporting period.
- (3) Engine site rating and model year.
- (4) Latitude and longitude of the engine in decimal degrees reported to the fifth decimal place.
- (5) Hours operated for the purposes specified in 40 CFR § 63.6640(f)(2)(ii) and (iii), including the date, start time, and end time for engine operation for the purposes specified in 40 CFR § 63.6640(f)(2)(ii) and (iii).
- (6) Number of hours the engine is contractually obligated to be available for the purposes specified in 40 CFR § 63.6640(f)(2)(ii) and (iii).
- (7) Hours spent for operation for the purpose specified in 40 CFR § 63.6640(f)(4)(ii), including the date, start time, and end time for engine operation for the purposes specified in 40 CFR § 63.6640(f)(4)(ii). The report must also identify the entity that dispatched the engine and the situation that necessitated the dispatch of the engine.
- (8) If there were no deviations from the fuel requirements in 40 CFR § 63.6604 that apply to the engine (if any), a statement that there were no deviations from the fuel requirements during the reporting period.
- (9) If there were deviations from the fuel requirements in 40 CFR § 63.6604 that apply to the engine (if any), information on the number, duration, and cause of deviations, and the corrective action taken.

(b) The first annual report must cover the calendar year 2015 and must be submitted no later than March 31, 2016. Subsequent annual reports for each calendar year must be submitted no later than March 31 of the following calendar year.

(c) The annual report must be submitted electronically using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written report must be submitted to the Administrator at the appropriate address listed in 40 CFR § 63.13.

VI. WORK PRACTICE REQUIREMENTS.

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What are my monitoring, installation, operation, and maintenance requirements?

The permittee shall operate and maintain this RICE according to the manufacturer's emission-related written instructions or develop a source specific maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?

[Additional authority for this permit condition is also derived from 40 CFR § 63.6625]

(a) The following requirements apply to this RICE:

- (1) The permittee shall change the oil and filter in each unit every 500 hours of operation or annually, whichever comes first;

**SECTION D. Source Level Requirements**

(2) The permittee shall inspect the air cleaner in each unit every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and,

(3) The permittee shall inspect all hoses and belts in each unit every 500 hours of operation or annually, whichever comes first, and replace as necessary.

(b) The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirements in paragraph (a) above. The oil analysis must be performed at the same frequency specified for changing the oil. The analysis program must at a minimum analyze the following, such that the oil meets all applicable conditions:

(1) Total Base Number, such that it is greater than 30% of the Total Base Number of the oil when new;

(2) Viscosity, such that it has not changed more than 20% from the viscosity of the oil when new; and,

(3) Percent water content (by volume), such that it is not greater than 0.5.

(c) If the permittee complies with all applicable parameters in paragraph (b) above, the permittee is not required to change the oil. If any of the parameters are exceeded, the permittee must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the permittee must change the oil within 2 business days or before commencing operation, whichever is later. The permittee must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for each engine.

VII. ADDITIONAL REQUIREMENTS.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 700 is a 300 kW (480 bhp) emergency generator manufactured by Caterpillar, Model C9, and manufactured on May 11, 2006.

**SECTION D. Source Level Requirements**

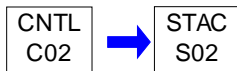
Source ID: C02

Source Name: PNEUMATIC UNLOADING DUST COLLECTOR

Source Capacity/Throughput:

N/A

CEMENT/COAL FLY ASH

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Particulate matter emissions from the dust collector controlling the pneumatic unloader shall not exceed 0.02 gr/dscf.

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.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The dust collector shall be equipped with a Magnehelic Differential Pressure Gage, manufactured by Dwyer, or equivalent, to monitor the pressure drop across the dust collector.

(b) The pressure drop across the dust collector shall be monitored each day that the pneumatic unloading system is in operation.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The pressure drop across the dust collector shall be recorded each day that the pneumatic unloading system is in operation.

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.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The pressure drop across the dust collector shall be in the range of 3 - 8 inches w.g.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep on hand a sufficient quantity of spare fabric filter bags for the dust collector in order to be able to immediately replace any bags requiring replacement due to deterioration from routine operation of the source and dust collector.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 006 [25 Pa. Code §127.411]****Content of applications.**

The dust collector for the pneumatic unloading system is manufactured by Donaldson, with an inlet volume of 19,423 scfm, 92 polyester woven fabric filters, cleaned by reverse air jets, and timed to be cleaned every five (5) to ten (10) seconds.

**SECTION D. Source Level Requirements**

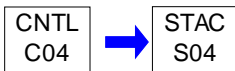
Source ID: C04

Source Name: DOME #2 DUST COLLECTOR

Source Capacity/Throughput:

N/A

CEMENT/COAL FLY ASH

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

In accordance with 25 Pa. Code 123.1, the Dome #2 Dust Collector shall not result in any fugitive emissions, nor should fugitive emissions occur from any of the duct work or other components associated with the dust collector.

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

The emissions of particulate matter (PM) from the Dome #2 Dust Collector (Source ID C04) shall not exceed 0.02 grains per dry standard cubic foot.

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

(a) The dust collector shall be equipped with a pressure drop gauge with the appropriate measuring range to measure the pressure drop across the dust collector filters, in inches water gauge (w.g.).

(b) The pressure drop across the dust collector filters shall be monitored on a daily basis, when the dust collector is operating.

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

The permittee shall record the pressure drop across the dust collector on a daily basis, when the dust collector is operating.

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

(a) A log shall be maintained to document maintenance performed on the dust collector, including the following:

- (1) Date when a hole or leak is found either in the ducts/pipes or in the dust collector filters.
- (2) Location of holes or leaks detected.
- (3) Repairs or maintenance performed to fix the holes/leaks and the date when repairs/maintenance was performed.
- (4) Date when bags are changed and the number of bags changed.

(b) The maintenance log shall be kept on file for at least 5 years.

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

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

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Dome #2 Dust Collector (Source ID C04) shall control emissions from Dome #2 (Source ID 105).

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The pressure drop across the dust collector shall be maintained in the range of 3.0 - 8.0 inches w.g. when the dust collector is operating.

008 [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 the fabric collector associated with the Dome #2 Dust Collector in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of the source and fabric collector.

VII. ADDITIONAL REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Dome #2 Dust Collector is manufactured by MAC Equipment, Inc., Model No. 144MCF255. The Dome #2 Dust Collector has 1 compartment with 255 filters.

**SECTION D. Source Level Requirements**

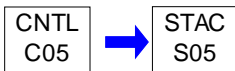
Source ID: C05

Source Name: DOME #1 DUST COLLECTOR

Source Capacity/Throughput:

N/A

CEMENT/COAL FLY ASH

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

In accordance with 25 Pa. Code 123.1, the Dome #1 Dust Collector shall not result in any fugitive emissions, nor should fugitive emissions occur from any of the duct work or other components associated with the dust collector.

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

The emissions of particulate matter (PM) from the Dome #1 Dust Collector shall not exceed 0.02 grains per dry standard cubic foot.

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

(a) The dust collector shall be equipped with a pressure drop gauge with the appropriate measuring range to measure the pressure drop across the dust collector filters, in inches water gauge (w.g.).

(b) The pressure drop across the dust collector filters shall be monitored on a daily basis, when the dust collector is operating.

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

The permittee shall record the pressure drop across the dust collector on a daily basis, when the dust collector is operating.

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

(a) A log shall be maintained to document maintenance performed on the dust collector, including the following:

- (1) Date when a hole or leak is found either in the ducts/pipes or in the dust collector filters.
- (2) Location of holes or leaks detected.
- (3) Repairs or maintenance performed to fix the holes/leaks and the date when repairs/maintenance was performed.
- (4) Date when bags are changed and the number of bags changed.

(b) The maintenance log shall be kept on file for at least 5 years.

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

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

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Dome #1 Dust Collector (Source ID C05) shall control emissions from Dome #1 (Source ID 104).

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The pressure drop across the dust collector shall be maintained in the range of 3.0 - 8.0 inches w.g. when the dust collector is operating.

008 [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 the fabric collector associated with the Dome #1 Dust Collector in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of the source and fabric collector.

VII. ADDITIONAL REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Dome #1 Dust Collector is manufactured by MAC Equipment, Inc. Process, Model No. 144MCF255. The Dome #1 Dust Collector has 1 compartment with 255 filters.

**SECTION D. Source Level Requirements**

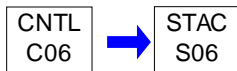
Source ID: C06

Source Name: DOME #3 DUST COLLECTOR

Source Capacity/Throughput:

N/A

CEMENT/COAL FLY ASH

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

In accordance with 25 Pa. Code 123.1, the Dome #3 Dust Collector shall not result in any fugitive emissions, nor should fugitive emissions occur from any of the duct work or other components associated with the dust collector.

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

The emissions of particulate matter (PM) from the Dome #3 Dust Collector shall not exceed 0.02 grains per dry standard cubic foot.

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

(a) The dust collector shall be equipped with a pressure drop gauge with the appropriate measuring range to measure the pressure drop across the dust collector filters, in inches water gauge (w.g.).

(b) The pressure drop across the dust collector filters shall be monitored on a daily basis, when the dust collector is operating.

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

The permittee shall record the pressure drop across the dust collector on a daily basis, when the dust collector is operating.

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

(a) A log shall be maintained to document maintenance performed on the dust collector, including the following:

- (1) Date when a hole or leak is found either in the ducts/pipes or in the dust collector filters.
- (2) Location of holes or leaks detected.
- (3) Repairs or maintenance performed to fix the holes/leaks and the date when repairs/maintenance was performed.
- (4) Date when bags are changed and the number of bags changed.

(b) The maintenance log shall be kept on file for at least 5 years.

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

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

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Dome #3 Dust Collector (Source ID C06) shall control emissions from Dome #3 (Source ID 106).

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The pressure drop across the dust collector shall be maintained in the range of 3.0 - 8.0 inches w.g. when the dust collector is operating.

008 [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 the fabric collector associated with the Dome #3 Dust Collector in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of the source and fabric collector.

VII. ADDITIONAL REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Dome #3 Dust Collector is manufactured by MAC Process, Model No. 144mcf. The Dome #3 Dust Collector has 1 compartment with 255 filters.



SECTION E. Source Group Restrictions.



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description		
110	PRIMARY LOAD-OUT STATION		
Emission Limit			Pollutant
0.020	gr/DRY FT3	Applies to filterable PM only	TSP
111	DOME #2 LOAD-OUT STATION		
Emission Limit			Pollutant
0.020	gr/DRY FT3	Applies to filterable PM only	TSP
700	300 KW CAT GENERATOR		
Emission Limit			Pollutant
2.000	GRAMS/HP-Hr		CO
11.400	GRAMS/KW-Hr		CO
2.750	Tons/OZNESEAS		NOX
6.600	Tons/Yr	Based on a 12-month rolling sum	NOX
6.900	GRAMS/HP-Hr		NOX
9.200	GRAMS/KW-Hr		NOX
100.000	Lbs/Hr		NOX
1,000.000	Lbs/Day		NOX
0.040	gr/DRY FT3	Applies to filterable PM only	TSP
0.400	GRAMS/HP-Hr		TSP
0.540	GRAMS/KW-Hr		TSP
1.000	GRAMS/HP-Hr		VOC
1.300	GRAMS/KW-Hr		VOC
C02	PNEUMATIC UNLOADING DUST COLLECTOR		
Emission Limit			Pollutant
0.020	gr/DRY FT3	Applies to filterable PM only	TSP
C04	DOME #2 DUST COLLECTOR		
Emission Limit			Pollutant
0.020	gr/DRY FT3	Applies to filterable PM only	TSP
C05	DOME #1 DUST COLLECTOR		
Emission Limit			Pollutant
0.020	gr/DRY FT3	Applies to filterable PM only	TSP
C06	DOME #3 DUST COLLECTOR		
Emission Limit			Pollutant
0.020	gr/DRY FT3	Applies to filterable PM only	TSP

Site Emission Restriction Summary

Emission Limit	Pollutant
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SECTION G. Emission Restriction Summary.

**SECTION H. Miscellaneous.**

(a) The following previously issued Operating Permit and Plan Approvals serve as the basis for certain terms and conditions set forth in this Permit:

- (1) 09-313-058.
- (2) PA-09-0110B (APS ID No.: 461971, Auth ID No.: 477152).
- (3) PA-09-0110C (APS ID No.: 346940, Auth ID No.: 615217).
- (4) PA-09-0110D (APS ID No.: 481917, Auth ID No.: 697453).

(b) This State Only Operating Permit (APS No.: 346940, Auth ID: 615217) has been administratively amended to incorporate Plan Approval No. PA-09-0110C. Plan Approval No. PA-09-0110C was issued for the installation of the Pneumatic Unloading System (Source ID 102).

(c) This State Only Operating Permit (APS No.: 346940, Auth ID: 722153) has been administratively amended to incorporate Plan Approval Nos. PA-09-0110B and 09-0110D. Plan Approval No. PA-09-0110B was issued for the installation of the Bulk Material Handling System (Source ID 107). Plan Approval No. 09-0110D was issued for the installation of the Dome #2 (Source ID 105) and the separation of Source ID 103 into two sources, the 25,000 Ton Silo (the existing Source ID 103) and the Dome #1 (Source ID 104).

(d) This State Only Operating Permit (APS No.: 346940, Auth ID: 833277) has been administratively amended to incorporate Plan Approval No. 09-0110E. This administrative amendment incorporates conditions for an existing load-out station (Source ID 108) and a new dust collector (Source ID C04).

(e) This State Only Operating Permit (APS No.: 346940, Auth ID: 1069113) has been renewed for another 5-year term. This permit renewal also incorporates a Minor Modification to add coal fly ash as a material handled by the cement handling operations. In addition, the 300 kW CAT Generator (Source ID 700) has been moved from Section G to Section D, to include applicable requirements from 40 CFR Part 63, Subpart ZZZZ.

(f) This State Only Operating Permit (APS No.: 346940, Auth ID: 1161394) has been administratively amended to incorporate Plan Approval No. 09-0110F. This administrative amendment incorporates conditions for the installation of a Primary Load-out Station (Source ID 110) and the installation of Dome #2 Load-out Station (Source ID 111). In addition, this administrative amendment incorporates Dome #3 (Source ID 106) and Dome #3 Dust Collector (Source ID C06), both which were installed as exempt sources from a Plan Approval.

(g) This State Only Operating Permit (APS No.: 346940, Auth ID: 1324424) has been renewed for another 5-year term.

(H) This State Only Operating Permit (APS No.: 346940, Auth ID: 1411543) has been modified. The hours of operation restriction on the Pneumatic Unloading System (Source ID 102) was replaced with a throughput restriction.



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