



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date: December 18, 2025

Effective Date: December 18, 2025

Expiration Date: June 18, 2027

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to construct, install, modify or reactivate the air emission source(s) more fully described in the site inventory list. This Facility is subject to all terms and conditions specified in this plan approval. Nothing in this plan approval relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each plan approval condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated as "State-Only" requirements.

Plan Approval No. 46-0305

Federal Tax Id - Plant Code: 23-2548529-1

Owner Information

Name: WAYNE CARMINT LANDSCAPING INC

Mailing Address: 220 E DEKALB PIKE

KING OF PRUSSIA, PA 19406-2117

Plant Information

Plant: WAYNE CARMINT LANDSCAPING INC/UPPER MERION

Location: 46 Montgomery County

46955 Upper Merion Township

SIC Code: 1794 Construction - Excavation Work

Responsible Official

Name: WAYNE CARMINT

Title: PRESIDENT

Phone: (610) 265 - 0123

Email: wayne@waynecarmint.com

Plan Approval Contact Person

Name: DENA CARMINT

Title: ADMIN MANAGER

Phone: (610) 265 - 0123

Email: dena@waynecarmint.com

[Signature] _____

JILLIAN A. GALLAGHER, SOUTHEAST REGION AIR PROGRAM MANAGER



Plan Approval Description

Plan approval for the installation and operation of a portable non-metallic mineral processing plant including crusher, screens and conveyors.



SECTION A. Table of Contents

Section A. Facility/Source Identification

Table of Contents
Plan Approval Inventory List

Section B. General Plan Approval Requirements

- #001 Definitions
- #002 Future Adoption of Requirements
- #003 Plan Approval Temporary Operation
- #004 Content of Applications
- #005 Public Records and Confidential Information
- #006 Plan Approval Terms and Conditions
- #007 Transfer of Plan Approvals
- #008 Inspection and Entry
- #009 Plan Approval Changes for Cause
- #010 Circumvention
- #011 Submissions
- #012 Risk Management
- #013 Prohibition of Air Pollution
- #014 Compliance Requirement

Section C. Site Level Plan Approval Requirements

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

Section D. Source Level Plan Approval Requirements

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

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

Section E. Source Group Restrictions

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

Section F. Alternative Operating Scenario(s)

- F-I: Restrictions
- F-II: Testing Requirements



SECTION A. Table of Contents

F-III: Monitoring Requirements
F-IV: Recordkeeping Requirements
F-V: Reporting Requirements
F-VI: Work Practice Standards
F-VII: Additional Requirements

Section G. Emission Restriction Summary

Section H. Miscellaneous

**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
101	PORTABLE CRUSHER OMEGA J1065T	250.000 Tons/HR	STONE, CONCRETE, ASPH
101A	CRUSHER ENGINE DEUTZ AG 210 KW	5.230 Gal/HR	DIESEL
102	SCREEN SANDVIK QE241	350.000 Tons/HR	STONE, SOIL, SAND, CONC
102A	SCREEN ENGINE DEUTZ 220KW	5.230 Gal/HR	DIESEL
103	CONVEYOR MC CLUSKEY ST80	500.000 Tons/HR	STONE, SOIL, SAND, CONC
103A	CONVEYOR ENGINE KUBOTA 60 HP	1.110 Gal/HR	DIESEL
200	STOCKPILES AND ROADS	200.000 Tons/HR	STONE, SOIL, SAND, CONC
FML01	DIESEL		
S101A	STACK FOR ENGINE 101A		
S102A	STACK FOR ENGINE 102A		
S103A	STACK FOR ENGINE 103A		
Z02	FUGITIVE EMISSIONS FROM SOURCES		

PERMIT MAPS

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

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

#002 [25 Pa. Code § 127.12b (a) (b)]**Future Adoption of Requirements**

The issuance of this plan approval does not prevent the future adoption by the Department of any rules, regulations or standards, or the issuance of orders necessary to comply with the requirements of the Federal Clean Air Act or the Pennsylvania Air Pollution Control Act, or to achieve or maintain ambient air quality standards. The issuance of this plan approval shall not be construed to limit the Department's enforcement authority.

#003 [25 Pa. Code § 127.12b]**Plan Approval Temporary Operation**

This plan approval authorizes temporary operation of the source(s) covered by this plan approval provided the following conditions are met.

(a) When construction, installation, modification, or reactivation is being conducted, the permittee shall provide written notice to the Department of the completion of the activity approved by this plan approval and the permittee's intent to commence operation at least five (5) working days prior to the completion of said activity. The notice shall state when the activity will be completed and when the permittee expects to commence operation. When the activity involves multiple sources on different time schedules, notice is required for the commencement of operation of each source.

(b) Pursuant to 25 Pa. Code § 127.12b (d), temporary operation of the source(s) is authorized to facilitate the shakedown of sources and air cleaning devices, to permit operations pending the issuance of a permit under 25 Pa. Code Chapter 127, Subchapter F (relating to operating permits) or Subchapter G (relating to Title V operating permits) or to permit the evaluation of the air contaminant aspects of the source.

(c) This plan approval authorizes a temporary operation period not to exceed 180 days from the date of commencement of operation, provided the Department receives notice from the permittee pursuant to paragraph (a), above.

(d) The permittee may request an extension of the 180-day shakedown period if further evaluation of the air contamination aspects of the source(s) is necessary. The request for an extension shall be submitted, in writing, to the Department at least 30 days prior to the end of the initial 180-day shakedown period and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance, and the reasons compliance has not been established. This temporary operation period will be valid for a limited time and may be extended for additional limited periods, each not to exceed 180 days.

(e) The notice submitted by the permittee pursuant to subpart (a) above, prior to the expiration of the plan approval, shall modify the plan approval expiration date on Page 1 of this plan approval. The new plan approval expiration date shall be 180 days from the date of commencement of operation.

#004 [25 Pa. Code § 127.12(a) (10)]**Content of Applications**

The permittee shall maintain and operate the sources and associated air cleaning devices in accordance with good engineering practice as described in the plan approval application submitted to the Department.

#005 [25 Pa. Code §§ 127.12(c) and (d) & 35 P.S. § 4013.2]**Public Records and Confidential Information**

(a) The records, reports or information obtained by the Department or referred to at public hearings shall be available to the public, except as provided in paragraph (b) of this condition.

(b) Upon cause shown by the permittee that the records, reports or information, or a particular portion thereof, but not emission data, to which the Department has access under the act, if made public, would divulge production or sales figures or methods, processes or production unique to that person or would otherwise tend to affect adversely the

**SECTION B. General Plan Approval Requirements**

competitive position of that person by revealing trade secrets, including intellectual property rights, the Department will consider the record, report or information, or particular portion thereof confidential in the administration of the act. The Department will implement this section consistent with sections 112(d) and 114(c) of the Clean Air Act (42 U.S.C.A. § 7412(d) and 7414(c)). Nothing in this section prevents disclosure of the report, record or information to Federal, State or local representatives as necessary for purposes of administration of Federal, State or local air pollution control laws, or when relevant in a proceeding under the act.

#006 [25 Pa. Code § 127.12b]**Plan Approval Terms and Conditions**

[Additional authority for this condition is derived from 25 Pa. Code Section 127.13]

(a) This plan approval will be valid for a limited time, as specified by the expiration date contained on Page 1 of this plan approval. Except as provided in § 127.11a and 127.215 (relating to reactivation of sources; and reactivation), at the end of the time, if the construction, modification, reactivation or installation has not been completed, a new plan approval application or an extension of the previous approval will be required.

(b) If construction has commenced, but cannot be completed before the expiration of this plan approval, an extension of the plan approval must be obtained to continue construction. To allow adequate time for departmental action, a request for the extension shall be postmarked at least thirty (30) days prior to the expiration date. The request for an extension shall include the following:

- (i) A justification for the extension,
- (ii) A schedule for the completion of the construction

If construction has not commenced before the expiration of this plan approval, then a new plan approval application must be submitted and approval obtained before construction can commence.

(c) If the construction, modification or installation is not commenced within 18 months of the issuance of this plan approval or if there is more than an 18-month lapse in construction, modification or installation, a new plan approval application that meets the requirements of 25 Pa. Code Chapter 127, Subchapter B (related to plan approval requirements), Subchapter D (related to prevention of significant deterioration of air quality), and Subchapter E (related to new source review) shall be submitted. The Department may extend the 18-month period upon a satisfactory showing that an extension is justified.

#007 [25 Pa. Code § 127.32]**Transfer of Plan Approvals**

(a) This plan approval may not be transferred from one person to another except when a change of ownership is demonstrated to the satisfaction of the Department and the Department approves the transfer of the plan approval in writing.

(b) Section 127.12a (relating to compliance review) applies to a request for transfer of a plan approval. A compliance review form shall accompany the request.

(c) This plan approval is valid only for the specific source and the specific location of the source as described in the application.

#008 [25 Pa. Code § 127.12(a)(4) & 35 P.S. § 4008 & § 114 of the CAA]**Inspection and Entry**

(a) 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.

(b) The permittee shall also allow the Department to have access at reasonable times to said sources and associated air cleaning devices with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act and regulations adopted under the act.

**SECTION B. General Plan Approval Requirements**

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

#009 [25 Pa. Code 127.13a]**Plan Approval Changes for Cause**

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

- (a) The permittee constructs or operates the source subject to the plan approval in violation of the act, the Clean Air Act, the regulations promulgated under the act or the Clean Air Act, a plan approval or permit or in a manner that causes air pollution.
- (b) 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.
- (c) The permittee fails to submit a report required by this plan approval.
- (d) The Environmental Protection Agency determines that this plan approval is not in compliance with the Clean Air Act or the regulations thereunder.

#010 [25 Pa. Code §§ 121.9 & 127.216]**Circumvention**

- (a) The permittee, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.
- (b) 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 this plan approval, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#011 [25 Pa. Code § 127.12c]**Submissions**

Reports, test data, monitoring data, notifications shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given on the plan approval transmittal letter or otherwise notified)

#012 [25 Pa. Code § 127.12(a)(9) & 40 CFR Part 68]**Risk Management**

- (a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release 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 listed threshold quantity at the facility. The permittee shall submit the RMP to the Environmental Protection Agency according to the following schedule and requirements:
 - (1) The permittee shall submit the first RMP to a central point specified by the Environmental Protection Agency no later than the latest of the following:

**SECTION B. General Plan Approval Requirements**

- (i) Three years after the date on which a regulated substance is first listed under § 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 the Environmental Protection Agency 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 plan approval 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.

#013 [25 Pa. Code § 121.7]**Prohibition of Air Pollution**

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

#014 [25 Pa. Code § 127.25]**Compliance Requirement**

A person may not cause or permit the operation of a source subject to § 127.11 (relating to plan approval requirements), unless the source and air cleaning devices identified in the application for the plan approval and the plan approval issued to the source, are operated and maintained in accordance with specifications in the application and conditions in the plan approval issued by the Department. A person may not cause or permit the operation of an air contamination source subject to this chapter in a manner inconsistent with good operating practices.

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

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

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations, as specified in 25 Pa. Code § 129.14.
- (7) N/A
- (8) N/A
- (9) Sources and classes of sources other than those identified in (1)-(8) of this condition, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:

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

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

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code § 123.1(a) (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

003 [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.

004 [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; or
- (b) Equal to or greater than 60% at any time.

005 [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:

- (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) (relating to prohibition of certain fugitive emissions)

006 [25 Pa. Code §129.14]**Open burning operations**

No person may permit the open burning of material in the Southeast Air Basin except where the open burning operations result from:

**SECTION C. Site Level Plan Approval Requirements**

- (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.**# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- (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 Plan Approval, 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, the most current version of the DEP Source Testing Manual, and the EPA Clean Air Act National Stack Testing Guidance, 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.**# 008 [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; or
- (b) Observers trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

009 [25 Pa. Code §127.12b]**Plan approval 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).; and
 - (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:

**SECTION C. Site Level Plan Approval Requirements**

- (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.

IV. RECORDKEEPING REQUIREMENTS.**# 010 [25 Pa. Code §127.12b]****Plan approval 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; and
- (c) The corrective action taken, if necessary, to abate the situation and prevent future occurrences.

011 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

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

- (a) emissions increase of minor significance 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.

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

Any records required to be maintained under this permit may be stored remotely and in digital format at the 220 E DeKalb Pike, King of Prussia, PA location as long as the records can be provided to DEP within two (2) days of request.

V. REPORTING REQUIREMENTS.**# 013 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to DEP's 24-hour Emergency Hotline at 800.541.2050. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

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

(c) The report shall describe the following:

- (1) Name, permit or authorization number, and location of the facility;
- (2) Nature and cause of the malfunction, emergency or incident;

**SECTION C. Site Level Plan Approval Requirements**

- (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.

014 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Within thirty (30) days after permit issuance the permittee shall submit, to the Department for approval, the proposed recordkeeping formats required in this plan approval.

VI. WORK PRACTICE REQUIREMENTS.**# 015 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

A person responsible for any source specified in 25 Pa. Code § 123.1 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.

016 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

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

017 [25 Pa. Code §127.12b]**Plan approval 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 this plan approval, is causing the emission of air



SECTION C. Site Level Plan Approval Requirements

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.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this plan approval including Section B (relating to Plan Approval General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

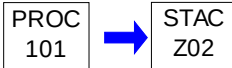
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 101

Source Name: PORTABLE CRUSHER OMEGA J1065T

Source Capacity/Throughput: 250.000 Tons/HR STONE, CONCRETE, ASPHALT

Conditions for this source occur in the following groups: PROCESSING EQUIPMENT

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

This source consists of an Omega J1065T crusher, rated for 250 tph, powered by Source ID 101A.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 101A

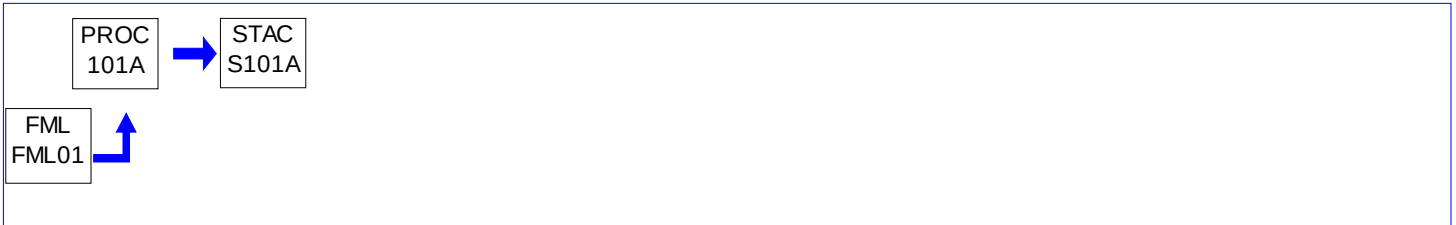
Source Name: CRUSHER ENGINE DEUTZ AG 210 KW

Source Capacity/Throughput:

5.230 Gal/HR

DIESEL

Conditions for this source occur in the following groups: DIESEL ENGINES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

This source shall meet the following Tier 4 130=<kW=<560 emission standards:

NOx: 0.4 g/kW-hr

Non-methane hydrocarbon (NMHC): 0.19 g/kW-hr

Carbon Monoxide (CO): 3.5 g/kW-hr

Particulate matter (PM): 0.02 g/kW-hr

[EPA Tier Certification Certificate PDZXL07.8051-022 demonstrates compliance with these emission standards as required under 40 C.F.R. §§ 1039.101 and 1039.102.]

**SECTION D. Source Level Plan Approval Requirements****VII. ADDITIONAL REQUIREMENTS.****# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

This source consists of a 2023 Deutz AG model 6068 Ci550, 282 HP, that powers the Omega J1065Tcrusher, Source ID 101. Engine is certified under certificate PDZXL07.8051-022 to EPA Tier 4 emissions.

Emissions factors from EPA tier testing are:

NOx- 0.14 g/kW-hr CO- 0.01 g/kW-hr

PM- 0.02 g/kW-hr NMHC (VOC)- 0.01 g/kW-hr

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 102

Source Name: SCREEN SANDVIK QE241

Source Capacity/Throughput:

350.000 Tons/HR

STONE, SOIL, SAND, CONCRETI

Conditions for this source occur in the following groups: PROCESSING EQUIPMENT

PROC
102STAC
Z02**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

This source consists of a Sandvik QE241 screen, rated for 350 tph, powered by Source ID 102A.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 102A

Source Name: SCREEN ENGINE DEUTZ 220KW

Source Capacity/Throughput:

5.230 Gal/HR

DIESEL

Conditions for this source occur in the following groups: DIESEL ENGINES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

This source shall meet the following Tier 4 130=<kW=<560 emission standards:

NOx: 0.4 g/kW-hr

Non-methane hydrocarbon (NMHC): 0.19 g/kW-hr

Carbon Monoxide (CO): 3.5 g/kW-hr

Particulate matter (PM): 0.02 g/kW-hr

[EPA Tier Certification Certificate GDZXL07.8051-001 demonstrates compliance with these emission standards as required under 40 C.F.R. §§ 1039.101 and 1039.102.]

**SECTION D. Source Level Plan Approval Requirements****VII. ADDITIONAL REQUIREMENTS.****# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

This source consists of a 2016 Deutz model TCD 7.8L6, 282 HP, that powers the Sandvik QE241 screen, Source ID 102. Engine is certified under certificate GDZXL07.8051-001 to EPA Tier 4 emissions.

Emissions factors from EPA tier testing are:

NO_x- 0.14 g/kW-hr CO- 0.01 g/kW-hr
PM- 0.02 g/kW-hr NMHC (VOC)- 0.01 g/kW-hr

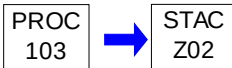
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 103

Source Name: CONVEYOR MC CLUSKEY ST80

Source Capacity/Throughput: 500.000 Tons/HR STONE, SOIL, SAND, CONCRETI

Conditions for this source occur in the following groups: PROCESSING EQUIPMENT

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

This source consists of a McCluskey conveyor (wheeled stacker), rated for 500 tph, powered by Source ID 103A.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 103A

Source Name: CONVEYOR ENGINE KUBOTA 60 HP

Source Capacity/Throughput:

1.110 Gal/HR

DIESEL

Conditions for this source occur in the following groups: DIESEL ENGINES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

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

This source shall meet the following Tier 4 = 19<kW=<56 emission standards:

Non-Methane Hydrocarbons (NMHC) + NOx: 4.70 g/kW-hr

Carbon Monoxide (CO): 5.0 g/kW-hr

Particulate matter (PM): 0.03 g/kW-hr

[EPA Tier Certification Certificate FKBXL02.4EMD-006 demonstrates compliance with these emission standards as required under 40 C.F.R. §§ 1039.101 and 1039.102.]

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

This source consists of a 2015 Kubota model V2203, 60 HP, that powers the McCluskey ST80 conveyor, Source ID 103.

**SECTION D. Source Level Plan Approval Requirements**

Engine is certified under certificate FKBXL02.4EMD-006 to EPA Tier 4 emissions.

Emissions factors from EPA tier testing are:

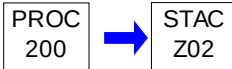
NO_x- 0.14 g/kW-hr CO- 0.01 g/kW-hr
PM- 0.02 g/kW-hr NMHC (VOC)- 0.01 g/kW-hr

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 200

Source Name: STOCKPILES AND ROADS

Source Capacity/Throughput: 200.000 Tons/HR STONE, SOIL, SAND, CONCRETE

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

The permittee, or their trained employee, shall monitor the loading and unloading of trucks for fugitive emissions.

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

(a) If fugitive emissions leaving the site are observed during monitoring required by Section D- Source 200, Condition # 001; from stockpiles; or from roads, the following shall be recorded:

- (1) Date and time of observation
- (2) Source of fugitive emissions
- (3) Corrective actions taken to eliminate fugitive emissions leaving boundary of the site.

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

The permittee shall keep records of truck loading and unloading. Records shall contain the activity description and date of activity.

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

The permittee shall keep records of fugitive emissions training provided to employees.

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

- (a) The permittee shall keep records of the watering of roads that include the date and time of watering.
- (b) The permittee shall keep records of road maintenance that include date of maintenance and description of maintenance performed.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

If fugitive emissions are observed leaving the site during loading or unloading of trucks, the permittee shall immediately cease the activity creating the emissions until corrective actions are taken.

007 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The facility shall reduce, to the best of their ability, wind from transversing the site. The facility may employ windbreaks, bunkers for stockpiles, wind fencing or other methods to reduce wind created fugitive emissions.

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

The facility shall take reasonable actions to ensure materials in stockpiles do not become airborne when the site is manned or unmanned.

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

(a) All facility employees shall be trained to recognize fugitive emissions, to take corrective actions for fugitive emissions and to take preventative measures to prevent fugitive emissions.

(b) All customers, leasees and clients accessing the facility shall be notified of the fugitive emissions requirements of this permit, including requirements to cease activities creating fugitive emissions and to take corrective actions for fugitive emissions.

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

The facility shall take reasonable actions to control fugitive emissions from roads. The measure taken may include watering, cleaning, placing gravel on unpaved roads or other measures that are sufficient to prevent fugitive emissions with the potential to leave the boundary of the site.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION E. Source Group Plan Approval Restrictions.**

Group Name: DIESEL ENGINES

Group Description: All diesel engines for processing equipment

Sources included in this group

ID	Name
101A	CRUSHER ENGINE DEUTZ AG 210 KW
102A	SCREEN ENGINE DEUTZ 220KW
103A	CONVEYOR ENGINE KUBOTA 60 HP

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from these engines in excess of 0.04 gr/dscf, pursuant to 25 Pa. Code § 123.13 (c)(1)(i).

002 [25 Pa. Code §123.31]

Limitations

No person may permit the emission into the outdoor atmosphere of sulfur oxides from these engines in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 ppmvd.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Visible emissions from the engines shall not exceed the following:

- (a) Equal to or greater than 10% for a period or periods aggregating more than three (3) minutes in any one (1) hour; and
- (b) Equal to or greater than 30% at any time.

Fuel Restriction(s).

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4207]

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

What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to

(a) The engines in this group may only use diesel fuel meeting the following:

- (1) Maximum sulfur content = 15 ppm; and
- (2) Minimum cetane index = 40 or Maximum aromatic content = 35 % by volume

[Fuel supplier certifications may be used to demonstrate compliance with these standards. Compliance with the requirements of the paragraph above also demonstrates compliance with the applicable requirements of 25 Pa. Code § 123.21.]

Operation Hours Restriction(s).

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Each of the engines in this source group are limited to the following:

- a. Daily limit of 10 hr/day for each engine; and
- b. Annual limit of 3,000 for each engine on a 12-month rolling sum basis.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION E. Source Group Plan Approval Restrictions.****III. MONITORING REQUIREMENTS.****# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall monitor the hours of operation on a monthly and 12-month rolling basis for each engine.

IV. RECORDKEEPING REQUIREMENTS.**# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall record the hours of operation on a monthly and 12-month rolling basis for each engine.

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

The permittee shall keep records of the hours of operation, equipment specifications, and maintenance as required for each source in this group in a written or digital format at the facility or at 220 E. DeKalb Pike, King Of Prussia, PA. The records shall be available for Department review within two (2) days of a request for records. Records shall be retained for 5 years.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]****Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

(a) Operate and maintain these stationary CI internal combustion engines and control devices according to the manufacturer's emission-related written instructions;; and

(b) Change only those emission-related settings that are permitted by the manufacturer.

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

(a) This group consists of the following engines:

- (1) Source ID 101A - 2023 Deutz AG Model 6068 Ci550
- (2) Source ID 102A - 2016 Deutz Model TCD 7.8L6
- (3) Source ID 103A - 2015 Kubota Model V2203

(b) All engines in this group are certified to EPA tier emissions standards as required under 40 C.F.R. §§ 60.4201, 1039.101 and 1039.102. Individual certification certificate numbers and emissions certified to are listed in Section D, Additional Requirements for each engine.

**SECTION E. Source Group Plan Approval Restrictions.**

Group Name: PROCESSING EQUIPMENT

Group Description: All stone, concrete, asphalt, sand and soil processing equipment

Sources included in this group

ID	Name
101	PORTABLE CRUSHER OMEGA J1065T
102	SCREEN SANDVIK QE241
103	CONVEYOR MC CLUSKEY ST80

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

No person may permit the emission into the outdoor atmosphere of a fugitive air contaminant from these sources, pursuant to 25 Pa. Code § 123.1.

[Compliance with this condition assures compliance with the requirements contained in 40 C.F.R. § 60.672(b), Table 3.]

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

(a) The owner/operator shall comply with all conditions of 40 C.F.R. Subpart OOO where applicable. Whenever a conflict occurs, with any of the regulations listed below, the owner/operator shall, in all cases, meet the more stringent requirement:

(i) 25 Pa. Code §§ 123.1, 123.2, and 123.13(c)

(ii) 40 C.F.R. § 60.672(b)

003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.672]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Standard for particulate matter.**

(a) Opacity shall not exceed 12% at any time from any crusher.

(b) Opacity shall not exceed 7% at any time from any screen or conveyor transfer point.

(c) Truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher is exempt from the opacity requirements.

Operation Hours Restriction(s).**# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall limit operation of each piece of equipment in this group to 10 hours a day and 3,000 hours per year each, based on a 12-month rolling total.

Throughput Restriction(s).**# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

No material containing asbestos shall be processed by this equipment.

Control Device Efficiency Restriction(s).**# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The water spray suppression system shall be operated on any occasions that these sources are in operation, except in the unusual instances where conditions are such that operation of the sources without simultaneous operation of the water spray suppression system can take place without creating air contaminant emissions in excess of the limitations specified in any applicable Department rule, federal regulation or state regulation. If, however, the water spray dust suppression

**SECTION E. Source Group Plan Approval Restrictions.**

system associated with these sources are incapable of operation due to weather conditions or other reason, the source may not be operated at all.

II. TESTING REQUIREMENTS.**# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall email all source test submissions (notifications, protocols, reports, supplemental information, etc.) to the AQ Program Manager for the Southeast Regional Office. Any questions or concerns about source testing submissions can be sent to AQ Program Manager for the Southeast Regional Office via public upload site at:

<https://greenport.pa.gov/ePermitPublicAccess/PublicSubmission/ValidatePublicSubmission>

(b) The following pertinent information shall be listed on the title page.

1. Test Date(s)

- a. For protocols, provide the proposed date on which testing will commence or "TBD"
- b. For reports, provide the first and last day of testing

2. Facility Identification Number (Facility - ID): For test programs that were conducted under a multi-site protocol, also include the PF ID under which the protocol was stored in PSIMS, as indicated in the protocol response letter.

3. Source ID(s) for the applicable source(s) and air pollution control device(s): The term Source ID is used in the permit but "Other Id" is used in DEP electronic systems. They are the same number and must also be listed for control equipment

4. Testing Requirements:

- a. Plan approval number 46-0305
- b. Applicable federal subpart: 40 C.F.R. Part 60 Subpart OOO
- c. Use of certified Method 9 observer (observer certification shall be included in testing report)

(c) If confidential information must be submitted, submit both a public copy, which has been redacted, and a confidential copy. The cover page of each submittal should state whether it is a "Public Copy" or "Confidential Copy" and each page of the latter must be marked "CONFIDENTIAL".

008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Test methods and procedures.**

(a) The permittee shall conduct a visual observation test to determine initial compliance with the fugitive emission standard for this crusher within 60 days after achieving the maximum production rate at which the source will be operated, but not later than 180 days after issuance of this plan approval. The permittee shall use USEPA Test Method 9 and the procedures in 40 C.F.R. § 60.11 with the following additions:

- (1) The Method 9 test shall be conducted while the crusher is operating at normal conditions.
- (2) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).
- (3) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9 Section 2.1) must be followed.
- (4) A visible mist is sometimes generated by the spray of the wet dust suppression system. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.

**SECTION E. Source Group Plan Approval Restrictions.**

(5) For purposes of determining initial compliance with the fugitive emission standard, the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if both of the following apply:

- (i) There are no individual readings greater than 15 percent opacity;
- (ii) There are no more than 3 readings of 15 percent for the 1-hour period.

(b) Testing shall be done in accordance with the provisions set forth in 40 C.F.R. Part 60, Subpart OOO, 40 C.F.R. § 60.8, 40 C.F.R. § 60.11, and 25 Pa. Code Chapter 139.

(c) The permittee shall submit the protocol for the testing to the AQ Program Manager for the Southeast Regional Office via public upload site at least 30 days before test. The permittee shall get approval for the protocol before the test is performed.

(d) The permittee may reduce the 30-day advance notification of the Method 9 to a 7-day advance notification to the Regional Air Quality Manager, according to 40 C.F.R. § 60.675(f).

(e) Within thirty (30) days after the source test, two copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.

(f) According to 40 C.F.R. § 60.675(i), if the initial performance test date for the crusher falls during a seasonal shut down (as defined in 40 C.F.R. § 60.671) of the facility or source, then with approval from the Department, the permittee may postpone the initial performance test until no later than 60 calendar days after resuming operation of the crusher.

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

(a) For each piece of equipment, when in operation, the permittee shall monitor the following:

(1) Dates the equipment is operated with hours of operation for each day. The hours shall be tracked via the nonresettable hour meter on the diesel engine operated as part of the equipment. Total operating hours shall be totaled on a monthly and 12-month rolling basis.

(2) The equipment production rate in tons on a daily basis.

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

When a piece of equipment in this group is operating, the permittee shall perform daily inspections to ensure that water is flowing to the spray nozzles of the wet suppression system. If the permittee finds that water is not flowing properly during an inspection of the water spray nozzles or the pressure gauge is inoperable, the permittee shall not operate the equipment and shall initiate corrective action within 24 hours and complete corrective action as expediently as practical.

[Compliance with this streamlined condition ensures compliance with the requirements contained in 40 C.F.R. Section 60.674(b).]

011 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

When a piece of equipment in this group is operating, the equipment shall be monitored for fugitive emissions.

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

(a) The permittee shall keep records of the following for each piece of equipment when operating:

- (1) The daily production rates.
- (2) The total hours of operation on a daily, monthly and 12-month rolling basis

**SECTION E. Source Group Plan Approval Restrictions.**

- (3) For the wet suppression system:
- (i) Daily inspection with date and time of inspection
 - (ii) Any dates on which conditions allowed for the operation of the plant without the wet suppression system as allowed in Condition #006
 - (iii) Any corrective actions taken for malfunctions. Record shall include date, item(s) that failed and summary of repair.
- (4) If the equipment in this group generate any fugitive emissions that leave the boundary of this site, the date and time of such emissions.

(b) The permittee shall calculate and record the total PM emissions from each piece of equipment on a monthly and 12-month rolling basis using EPA AP-42 Chapter 11.9 or other Department approved method. Emissions shall be calculated for all operating hours, including those when the plant is located at a temporary location.

013 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

[Additional authority from 40 C.F.R. § 60.676(b)(1)]

(a) Records may be stored remotely and in digital format at the 220 E DeKalb Pike, King of Prussia, PA location as long as the records can be provided to DEP within two (2) days of request.

(b) Records must be retained for 5 years.

V. REPORTING REQUIREMENTS.**# 014 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]****Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants
Reporting and recordkeeping.**

The permittee shall submit to the Department and the USEPA written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 C.F.R. Part 60 Subpart 000 and this plan approval, including reports of opacity and fugitive emission observations made using US EPA Test Method 9.

VI. WORK PRACTICE REQUIREMENTS.**# 015 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall operate and maintain the equipment in this group and associated air pollution control device in accordance with manufacturer's specifications and good air pollution control practices.

(b) Each piece of equipment in the group shall be equipped with a wet suppression (water spray) system.

(c) The permittee shall ensure all materials processed are sufficiently wetted to prevent any fugitive dust emissions. Sufficiently wetted shall be interpreted to mean that the materials processed shall contain enough moisture so as to not create fugitive particulate matter emissions. If wetting the material would cause problems with handling or processing, the permittee shall take steps to prevent fugitive dust such as chutes, covers, processing on low wind days, etc.

(d) A piece of equipment in this group shall not be operated if any component of their water suppression system is not working, malfunctions, and/or is determined to have reduced control efficiency.

016 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

(a) If the operation of any equipment in this group generates fugitive emissions that leave the boundary of the site, the operation of the equipment generating the emissions shall cease immediately.

(b) The permittee shall take measures to eliminate the fugitive emissions leaving the site before resuming operation of the equipment that generated the fugitive emissions.

017 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

(a) The permittee shall use a pump to supply water to the wet suppression system that can meet the following:

**SECTION E. Source Group Plan Approval Restrictions.**

- (a) minimum 25 gpm output, and
- (b) minimum lift capability of 15 vertical feet.

(b) Proof of compliance shall be the pump specification sheet from manufacturer or vendor.

VII. ADDITIONAL REQUIREMENTS.**# 018 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]****Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Reporting and recordkeeping.**

This source is subject to the requirements of 40 C.F.R. Part 60 Subpart OOO and shall comply with all applicable requirements of this Subpart. In accordance with 40 C.F.R. § 60.4, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the US EPA and the PA DEP. The US EPA copies shall be forwarded to:

United States Environmental Protection Agency
Region III, Enforcement & Compliance Assurance Division
Air, RCRA and Toxics Branch (3ED21)
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, Pennsylvania 19103-2852

Region III electronic compliance certifications may be sent to: R3_APD_Permits@epa.gov.

NSPS reports that are submitted electronically to USEPA's Central Data Exchange can be found at: <https://cdx.epa.gov/>.

019 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Reporting and recordkeeping.**

(a) Reporting of Method 9 visual observation testing shall be submitted to the AQ Program Manager for the Southeast Regional Office through the public upload system (PUP) within 60 days after the test(s). Any questions or concerns about source testing submissions can be sent to Regional Air Quality Manager. The report shall contain on the title page:

- (1) The date(s) of testing.
- (2) Facility ID number (PF ID) 882479
- (3) The Source ID number listed in permit (in DEP electronic system, this is listed as "Other ID")
- (4) Plan Approval Number 46-0305
- (5) Federal regulation 40 C.F.R. Part 60 Subpart OOO

(b) If confidential information must be submitted, submit both a public copy, which has been redacted, and a confidential copy. The cover page of each submittal should state whether it is a "Public Copy" or "Confidential Copy" and each page of the latter must be marked "CONFIDENTIAL".

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Plan Approval facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description
101A	CRUSHER ENGINE DEUTZ AG 210 KW
Emission Limit	
2.000 Tons/Yr	Combined all engines; 12-month rolling sum CO
5.000 Tons/Yr	Combined all engines; 12-month rolling sum NOX
500.000 PPMV	SOX
0.040 gr/DRY FT3	TSP
0.200 Tons/Yr	Combined all engines; 12-month rolling sum TSP
102A	SCREEN ENGINE DEUTZ 220KW
Emission Limit	
2.000 Tons/Yr	Combined all engines; 12-month rolling sum CO
5.000 Tons/Yr	Combined all engines; 12-month rolling sum NOX
500.000 PPMV	SOX
0.040 gr/DRY FT3	TSP
0.200 Tons/Yr	Combined all engines; 12-month rolling sum TSP
103A	CONVEYOR ENGINE KUBOTA 60 HP
Emission Limit	
2.000 Tons/Yr	Combined all engines; 12-month rolling sum CO
5.000 Tons/Yr	Combined all engines; 12-month rolling sum NOX
500.000 PPMV	SOX
0.040 gr/DRY FT3	TSP
0.200 Tons/Yr	Combined all engines; 12-month rolling sum TSP

Site Emission Restriction Summary

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

December 2025: AUTH 1530402, APS 1139203: Initial plan approval for facility. Plan approval covers existing portable non-metallic mineral processing plant, stockpiles and roads.



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