



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date: November 18, 2025

Effective Date: April 28, 2026

Revision Date: April 22, 2026

Expiration Date: October 28, 2026

Revision Type: Extension

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. 04-00699J

Federal Tax Id - Plant Code: 85-4331127-01

Owner Information

Name: GOLD BOND BLDG PROD LLC

Mailing Address: PO BOX 346

SHIPPINGPORT, PA 15077-0346

Plant Information

Plant: GOLD BOND BLDG PROD/SHIPPINGPORT

Location: 04 Beaver County

04950 Shippingport Borough

SIC Code: 3275 Manufacturing - Gypsum Products

Responsible Official

Name: THURMAN H JACKSON

Title: PLT MGR

Phone: (724) 643 - 3440

Email: thjackson@goldbondbuilding.com

Plan Approval Contact Person

Name: THURMAN H JACKSON

Title: PLT MGR

Phone: (724) 643 - 3440

Email: thjackson@goldbondbuilding.com

[Signature] _____

MARK R. GOROG, P.E., ENVIRONMENTAL PROGRAM MANAGER, SOUTHWEST REGION



Plan Approval Description

This Plan Approval # PA-04-00699J is authorized to update the annual VOC, CO, NO_x, TSP, PM₁₀, single HAP, Total HAPs emission limits of the Board Dryer, and the facility-wide emission limits for these pollutants based on the recent stack testing results and to increase the PM_{2.5} and HCHO emissions after correcting the initial error based on AP-42 and the addition of the Specialty Wallboard Production at Gold Bond's existing wallboard manufacturing facility located in Shippingport Borough, Beaver County. This plan approval supersedes plan approval PA-04-0699H, and as such, includes all its terms and conditions.

Plan Approval PA-04-00699A was issued on December 16, 1997, to authorize the construction of a single line wallboard manufacturing facility in Shippingport, Beaver County. Plan Approval PA-04-00699E was issued on April 7, 2000, to authorize the construction of a waste wallboard crusher. Plan Approval PA-04-00699F was issued on March 13, 2006, to authorize the construction of a cage mill. Plan Approval PA-04-0699G was issued on August 20, 2010, to authorize the use of ammonium sulfate in place of potassium sulfate in the wallboard formulation. Plan Approval PA-04-00699G was issued on August 20, 2010, to include all applicable requirements from all previously issued Plan Approvals.

Plan Approval PA-04-00699H was issued on September 1, 2017, to include new sources, including a new stucco cooler, conveying equipment, and secondary board shredder, to increase the hours of operation for specialty wallboard production, and to include all the applicable requirements from the previous plan approvals.

This Plan Approval, PA-04-00699J, incorporates all applicable requirements and sources from all previously issued plan approvals.



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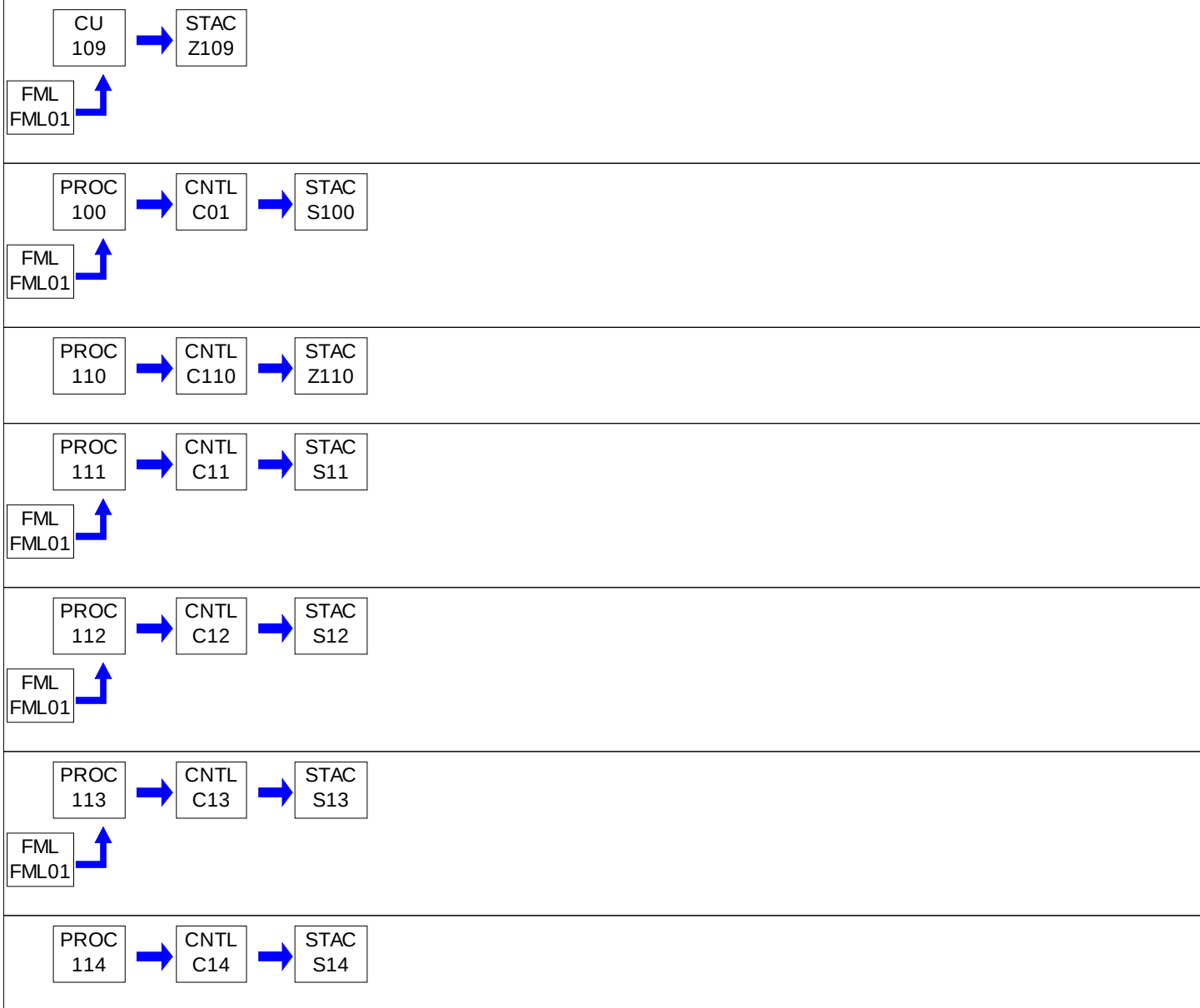
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**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
109	BOARD DRYER		
100	IMPACT MILL NO. 1 - 4		
110	PAVED ROADWAYS		
111	CAGE MILL		
112	STUCCO COOLER CONVEYOR		
113	STUCCO COOLER VESSEL		
114	450-TON LP STORAGE SILO		
116	STORAGE PILE		
118	4-EMERGENCY DIESEL GEN @ 80 KW, 60 KW, 20 KW & ONE FIRE PUMP		
119	WIND EROSION		
120	TRUCK UNLOADING CONVEYING AND STACKER SYSTEM		
201	B.E.T SYSTEM NO. 2 AND B.E.T SYSTEM NO.3		
202	B.E.T SYSTEM NO. 1/RISER MARKER		
203	STUCCO SILO		
204	STUCCO SILO (WET END)		
205	STARCH STORAGE SILO FOR TRUCK UNLOADING		
206	WALLBOARD CRUSHER		
C01	IMP MILL NO. (1 - 4) BAGHOUSE RATED AT 38,400 ACFM @ 350 F		
C11	CAGE MILL BAGHOUSE RATED AT 95,000 ACFM @ 300 F		
C110	TRUCK TIRE WASH STATION		
C12	STUCCO COOLER BAGHOUSE RATED AT 2,185 SCFM		
C13	STUCCO COOLER BAGHOUSE RATED AT 5,093 SCFM		
C14	450 TON LP STORAGE BAGHOUSE RATED AT 2,185 SCFM		
C201	B.E.T SYSTEM NO. 2 & 3 BAGHOUSE RATED @ 1,800 ACFM AT 75 F		
C202	B.E.T SYSTEM NO.1 BAGHOUSE RATED AT 1,800 ACFM @ 75 F		
C203	STUCCO SILO/CATENARY BAGHOUSE RATED AT 4,900 ACFM @ 350 F		
C204	STUCCO SILO (WET END) BAGHOUSE @ 6,600 ACFM @300 F		
C205	STARCH STORAGE SILO TRUCK UNLOADING BAGH.		
FML01	NATURAL GAS SUPPLY		
FML02	#2 FUEL OIL FROM TANKS		
S100	IMPACT MILL NO. (1 - 4) STACKS		
S11	CAGE MILL STACK		
S118	FOUR (4) EMERGENCY GENERATORS - STACK		
S12	STUCCO COOLER STACK		
S13	GRENZEBACH STUCCO COOLER VESSEL STACK		
S14	450 TON LP STORAGE SILO BAGHOUSE STACK		
S201	B.E.T SYSTEM NO. 2 & 3 - STACK		
S202	B.E.T SYSTEM NO.1/RISER MAKER - STACK		

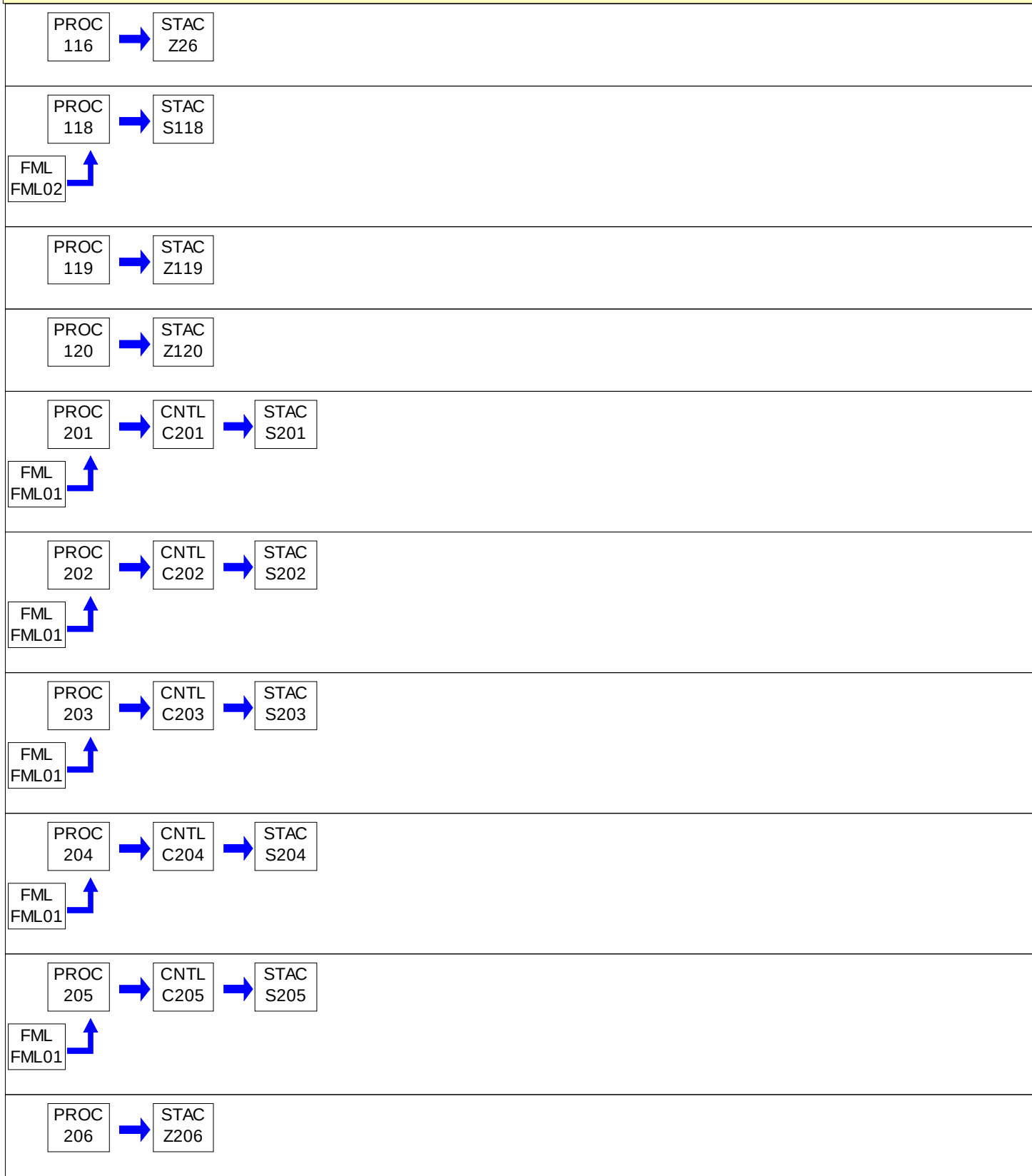
**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
S203	STUCCO SILO/CATENARY STUCCO OPERATION - STACK		
S204	STUCCO SILO (WET END) - STACK		
S205	STARCH STORAGE SILO TRUCK UNLOADING STACK		
Z109	BOARD DRYER FUGITIVE		
Z110	ROADWAY FUGITIVE EMISSIONS		
Z119	WIND EROSION FUGITIVE		
Z120	TRUCK UNLOADING CONVEYING STACKER SYS. FUGITIVE		
Z206	WALLBOARD CRUSHER FUGITIVE		
Z26	WASTE WALLBOARD GRINDER EMISSIONS		

PERMIT MAPS



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

No person may permit air pollution as that term is defined in the act.

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

(a) No person may permit the emission into the outdoor atmosphere of 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.

(7) N/A

(8) N/A

(9) Sources and classes of sources other than those identified in paragraphs (1)-(8), for which the operator 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.

(b) An application form for requesting a determination under either subsection (a)(9) or 129.15(c) is available from the Department. In reviewing these applications, the Department may require the applicant to supply information including, but not limited to, a description of proposed control measures, characteristics of emissions, quantity of emissions, and ambient air quality data and analysis showing the impact of the source on ambient air quality. The applicant shall be required to demonstrate that the requirements of subsections (a)(9) and (c) and 123.2 (relating to fugitive particulate matter) or of the requirements of 129.15(c) have been satisfied. Upon such demonstration, the Department will issue a determination, in writing, either as an operating permit condition, for those sources subject to permit requirements under the act, or as an order containing appropriate conditions and limitations.

(c) A person responsible for any source specified in subsections (a)(1) -- (7) or (9) shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

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

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

(3) Paving and maintenance of roadways.

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

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

(d) The requirements contained in subsection (a) and 123.2 do not apply to fugitive emissions arising from the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.

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 123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

004 [25 Pa. Code §123.21]**General**

(a) This section applies to sources except those subject to other provisions of this article, with respect to the control of sulfur compound emissions.

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

005 [25 Pa. Code §123.31]**Limitations**

(a) Limitations are as follows:

(1) If control of malodorous air contaminants is required under subsection (b), emissions shall be incinerated at a minimum of 1200F for at least 0.3 seconds prior to their emission into the outdoor atmosphere.

(2) Techniques other than incineration may be used to control malodorous air contaminants if such techniques are equivalent to or better than the required incineration in terms of control of the odor emissions and are approved in writing by the Department.

(b) 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.

(c) The prohibition in subsection (b) does not apply to odor emissions arising from the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.

006 [25 Pa. Code §123.41]**Limitations**

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

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

(2) Equal to or greater than 60% at any time.

007 [25 Pa. Code §123.42]**Exceptions**

The limitations of §123.41 (relating to limitations) 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 sources specified in §123.1(1)-(9).

d. N/A

**SECTION C. Site Level Plan Approval Requirements****# 008 [25 Pa. Code §129.14]****Open burning operations**

(a) Air basins. No person may permit the open burning of material in an air basin. This facility is located in the Lower Beaver Valley Air Basin.

(b) Outside of air basins. Not applicable.

(c) Exceptions: The requirements of subsections (a) and (b) do not apply where the open burning operations result from:

(1) 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.

(2) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.

(3) A fire set for the prevention and control of disease or pests, when approved by the Department.

(4) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.

(5) 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 such structure.

(6) A fire set solely for recreational or ceremonial purposes.

(7) A fire set solely for cooking food.

(d) Clearing and grubbing wastes. The following is applicable to clearing and grubbing wastes:

(1) As used in this subsection the following terms shall have the following meanings:

Air curtain destructor -- A mechanical device which forcefully projects a curtain of air across a pit in which open burning is being conducted so that combustion efficiency is increased and smoke and other particulate matter are contained.

Clearing and grubbing wastes -- Trees, shrubs, and other native vegetation which are cleared from land during or prior to the process of construction. The term does not include demolition wastes and dirt laden roots.

(2) Subsection (a) notwithstanding, clearing and grubbing wastes may be burned in a basin subject to the following requirements:

(i) Air curtain destructors shall be used when burning clearing and grubbing wastes.

(ii) Each proposed use of air curtain destructors shall be reviewed and approved by the Department in writing with respect to equipment arrangement, design and existing environmental conditions prior to commencement of burning.

Proposals approved under this subparagraph need not obtain plan approval or operating permits under Chapter 127 (relating to construction modification, reactivation and operation of sources).

(iii) Approval for use of an air curtain destructor at one site may be granted for a specified period not to exceed 3 months, but may be extended for additional limited periods upon further approval by the Department.

(iv) The Department reserves the right to rescind approval granted if a determination by the Department indicates that an air pollution problem exists.

(3) Subsection (b) notwithstanding clearing and grubbing wastes may be burned outside of an air basin, subject to the following limitations:

(i) Upon receipt of a complaint or determination by the Department that an air pollution problem exists, the Department may order that the open burning cease or comply with subsection (b) of this section.

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

(ii) Authorization for open burning under this paragraph does not apply to clearing and grubbing wastes transported from an air basin for disposal outside of an air basin.

(4) During an air pollution episode, open burning is limited by Chapter 137 (relating to air pollution episodes) and shall cease as specified in such chapter.

Throughput Restriction(s).**# 009 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Facility-wide emission limits in any consecutive 12-month rolling period shall not equal or exceed the following:

- VOC – 74.86 tpy
- CO – 76.40 tpy
- NO_x – 69.30 tpy
- SO_x – 33.50 tpy
- TSP – 164.80 tpy
- PM₁₀ – 98.60 tpy
- PM_{2.5} – 90.10 tpy
- HCHO – 9.10 tpy; and
- Total HAP – 11.76 tpy.

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

If, at any time, the Department has cause to believe that air contaminant emissions from the sources listed in this plan approval may be in excess of the limitations specified in or established pursuant to this plan approval or the permittee's operating permit, the permittee may be required to conduct test methods and procedures deemed necessary by the Department to determine the actual emissions rate. Such testing shall be conducted in accordance with 25 Pa. Code Chapter 139, where applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the company that testing is required.

011 [25 Pa. Code §139.11]**General requirements.**

Performance testing shall be conducted as follows:

- (a) The permittee shall submit a pre-test protocol electronically to the Department for review at least 120 days prior to the performance of any EPA reference method stack test or portable analyzer test. The permittee may repeat portable analyzer testing without additional protocol approvals provided that the same method and equipment are used. All proposed performance test methods shall be identified in the pre-test protocol and approved by the Department prior to testing.
- (b) The permittee shall notify the Regional Air Quality Manager at least 15 days prior to any performance test so that an observer may be present at the time of the test. Notification shall also be sent to the Division of Source Testing and Monitoring. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.
- (c) A complete test report shall be submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an emission test program.
- (d) Pursuant to 25 Pa. Code §139.53(b) a complete test report shall include a summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits and a statement of compliance or non-compliance with all applicable permit conditions. The summary results will include, at a minimum, the following information:
 - (1) A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.
 - (2) Permit number(s) and condition(s) which are the basis for the evaluation.



SECTION C. Site Level Plan Approval Requirements

- (3) Summary of results with respect to each applicable permit condition.
- (4) Statement of compliance or non-compliance with each applicable permit condition.
- (e) Pursuant to 25 Pa. Code §139.3, all submittals shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.
- (f) All testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.
- (g) All submittals shall be sent electronically to ra-epstacktesting@pa.gov, with CC: to ra-epswstacktesting@pa.gov.
- (h) The permittee shall ensure all federal reporting requirements contained in the applicable subpart of 40 CFR are followed, including timelines more stringent than those contained herein. In the event of an inconsistency or any conflicting requirements between state and the federal, the most stringent provision, term, condition, method, or rule shall be used by default.

III. MONITORING REQUIREMENTS.

012 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

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 devices approved by the Department.

013 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall conduct daily a facility-wide inspections for the presence of any visible stack emissions, fugitive emissions, and any potentially objectionable odors at the property line, during daylight hours, and while the sources are operating. If any visible stack emissions, fugitive emissions, and/or potentially objectionable odors are apparent, the permittee shall take corrective action.

IV. RECORDKEEPING REQUIREMENTS.

014 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The facility shall record and maintain daily records of the amount of No. 2 fuel oil combusted in each source. The cumulative usage of No. 2 fuel oil in each source shall be calculated monthly, and permittee shall maintain a 12-month rolling cumulative No. 2 fuel oil usage total at all times.

015 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

All the records at the facility shall be maintained for five (5) years and made available to the Department upon request.

016 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The daily facility wide inspection records shall be maintained in a logbook and at the minimum include the date, time, name and title of the observer, along with any corrective action taken as a result.

V. REPORTING REQUIREMENTS.

017 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Malfunction reporting shall be conducted as follows:

- (a) The permittee shall report malfunctions, emergencies, or incidents of excess emissions to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and

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

reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation, and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

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

(c) The report shall describe the following:

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

018 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Upon determination by the owner/operator that the source(s) covered by this Plan Approval are in compliance with all conditions of the Plan Approval the Owner/Operator shall contact the Department's reviewing engineer and schedule the initial operating permit inspection.

019 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Upon completion of the initial operating permit inspection and determination by the Department that the source(s) covered by this plan approval are in compliance with all conditions of the plan approval, and at least 60 days prior to the expiration date of the plan approval, the owner/operator shall submit a Title V Operating Permit application.

020 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Annual emissions reporting shall be conducted as follows (additional authority for this condition is derived from 25 Pa. Code §135.3):

(a) The permittee shall submit by March 1 of each year, a source report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported.

(b) A source owner or operator may request an extension of time from the Department for the filing of a source report, and

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

the Department may grant the extension for reasonable cause.

021 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall provide EPA with the notifications required by 40 CFR § 60.7. Required notifications may include but are not necessarily limited to: date of commencement of construction (within 30 days after starting construction), actual start-up date (within 15 days after equipment start-up), and physical or operational changes which may increase the emission rate of any air pollutant to which a standard applies (60 days or as soon as practicable before equipment start-up).

022 [25 Pa. Code §135.21]**Emission statements**

(a) Except as provided in subsection (d), this section applies to stationary sources or facilities:

(1) Located in an area designated by the Clean Air Act as a marginal, moderate, serious, severe or extreme ozone nonattainment area and which emit oxides of nitrogen or VOC.

(2) Not located in an area described in subparagraph (1) and included in the Northeast Ozone Transport Region which emit or have the potential to emit 100 tons or more oxides of nitrogen or 50 tons or more of VOC per year.

(b) The owner or operator of each stationary source emitting oxides of nitrogen or VOC's shall provide the Department with a statement, in a form as the Department may prescribe, for classes or categories of sources, showing the actual emissions of oxides of nitrogen and VOCs from that source for each reporting period, a description of the method used to calculate the emissions and the time period over which the calculation is based. The statement shall contain a certification by a company officer or the plant manager that the information contained in the statement is accurate.

(c) Annual emission statements are due by March 1 for the preceding calendar year beginning with March 1, 1993, for calendar year 1992 and shall provide data consistent with requirements and guidance developed by the EPA. The guidance document is available from: United States Environmental Protection Agency, 401 M. Street, S.W., Washington, D.C. 20460. The Department may require more frequent submittals if the Department determines that one or more of the following applies:

(1) A more frequent submission is required by the EPA.

(2) Analysis of the data on a more frequent basis is necessary to implement the requirements of the act.

(d) Subsection (a) does not apply to a class or category of stationary sources which emits less than 25 tons per year of VOC's or oxides of nitrogen, if the Department in its submissions to the Administrator of the EPA under section 182(a)(1) or (3)(B)(ii) of the Clean Air Act (42 U.S.C.A. 7511a(a)(1) or (3)(B)(ii)) provides an inventory of emissions from the class or category of sources based on the use of the emission factors established by the Administrator or other methods acceptable to the Administrator. The Department will publish in the Pennsylvania Bulletin a notice of the lists of classes or categories of sources which are exempt from the emission statement requirement under this subsection.

023 [25 Pa. Code §135.3]**Reporting**

(a) A person who owns or operates a source to which this chapter applies, and who has previously been advised by the Department to submit a source report, shall submit by March 1 of each year a source report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the proceeding calendar year and sources modified during the same period which were not previously reported.

(b) A person who receives initial notification by the Department that a source report is necessary shall submit an initial source report within 60 days after receiving the notification or by March 1 of the year following the year for which the report is required, whichever is later.

(c) A source owner or operator may request an extension of time from the Department for the filing of a source report, and

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

the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.**# 024 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The employees shall be trained about the proper operation, emission limitations, monitoring, recordkeeping, and equipment maintenance requirements contained in this Plan Approval. Training shall be repeated as necessary to train new employees.

025 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall take preventive maintenance on all dust control systems which vent outdoors shall meet or exceed good air pollution control practices. The permittee shall maintain, and operate in compliance with, a written plan for spare parts inventorying, inspection schedules, and preventive maintenance requirements for these systems.

026 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall construct, operate, and maintain all air contamination sources and air cleaning devices in accordance with the manufacturer's specifications, good operating practices, and recommended maintenance schedules.

VII. ADDITIONAL REQUIREMENTS.**# 027 [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 devices approved by the Department.

028 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

This Plan Approval, PA-04-00699J, incorporates all applicable requirements and sources from all previously issued plan approvals.

029 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The Owner/Operator shall submit requests to extend the temporary operation period at least 30 days prior to the expiration date of any authorized period of temporary operation until the source(s) covered by this authorization are incorporated into a Title V Operating Permit for this facility.

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.

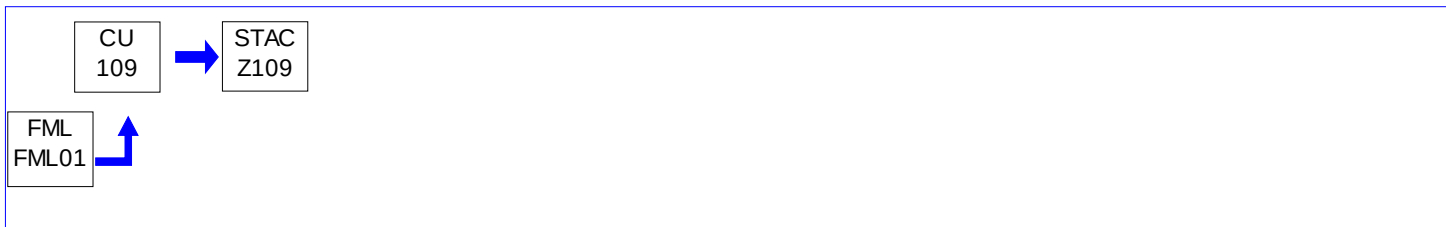
No compliance milestones exist.

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

Source ID: 109

Source Name: BOARD DRYER

Source Capacity/Throughput:

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

The permittee may not allow the emission into the outdoor atmosphere from any process in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 gr/dscf, when the effluent gas volume is less than 150,000 dscf/min.

002 [25 Pa. Code §123.21]**General**

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

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

Hourly Emissions from board dryer during fuel oil firing shall not equal or exceed:

- CO: 11.3 lbs./hr.
- NO_x: 21.0 lbs./hr.
- TSP: 19.2 lbs./hr.
- PM₁₀: 19.2 lbs./hr.
- SO_x: 0.10 lbs./hr. and
- VOC: 27.3 lbs./hr.

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

Hourly emissions rate during natural gas firing for the following types of boards shall not equal or exceed:

Regular Board:

- CO: 7.12 lbs./hr.
- NO_x: 8.24 lbs./hr.
- TSP: 5.03 lbs./hr.
- PM₁₀: 5.03 lbs./hr.
- SO_x: 0.10 lbs./hr. and
- VOC: 8.4 lbs./hr.

Paper-faced silicone core wallboard:

- CO: 11.3 lbs./hr.
- NO_x: 8.23 lbs./hr.
- TSP: 18.1 l lbs./hr.
- PM₁₀: 18.1 l lbs./hr.
- SO_x: 0.10 lbs./hr. and
- VOC: 26.0 l lbs./hr.

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

UF fiberglass mat silicone core wallboard:

- CO: 10.30 lbs./hr.
- NOx: 6.13 lbs./hr.
- TSP: 15.0 lbs./hr.
- PM10: 15.0 lbs./hr.
- SOx: 0.10 lbs./hr. and
- VOC: 27.3 lbs./hr.

Acrylic fiberglass mat silicone core wallboard:

- CO: 7.87 lbs./hr.
- NOx: 5.10 lbs./hr.
- TSP: 11.60 lbs./hr.
- PM10: 11.60 lbs./hr.
- SOx: 0.10 lbs./hr. and
- VOC: 24.3 lbs./hr.

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

The Board Dryer shall be equipped with an ultra low NOx burner rated at 9.9 ppm NOx on natural gas, 100 ppm on No. 2 fuel oil, and 200 ppm CO on either fuel.

006 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The sulfur content of No. 2 fuel oil combusted at this facility shall not exceed 0.05%. The permittee shall provide fuel supplier certification that the oil complies with this specification.

Fuel Restriction(s).**# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The Board Dryer shall combust no more than 1,252,174 gallons of No. 2 fuel in any consecutive and 12-month rolling period. Natural gas may be combusted up to 8,760 hours each year in the Board Dryer.

Operation Hours Restriction(s).**# 008 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The facility shall be limited to the following hours in the following types of wallboards in any consecutive 12-month rolling period:

- Paper-faced silicone core wallboard – 2,400 hours.
- UF fiberglass mat silicone core wallboard – 900 hours; and
- Acrylic fiberglass mat silicone core wallboard – 240 hours.

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

The facility shall be limited to 1,080 hours of No. 2 fuel oil production any consecutive 12-month rolling period.

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

Stack testing for VOC on regular board shall be performed by Method 25A methodology under 50 ppmv (as wet carbon concentration).

**SECTION D. Source Level Plan Approval Requirements****# 011 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The Owner/Operator shall perform NO_x, SO_x, CO, VOC, PM, PM₁₀, PM_{2.5}, and HCHO emission stack testing upon the Board Dryer while producing regular wallboard, paper-faced silicon core wallboard, UF fiberglass mat silicon core wallboard, and acrylic fiberglass mat silicon core wallboard according to the requirements of 25 Pa Code Chapter 139. Emission stack testing is required within 180 days from the date of issuance of this plan approval and at a minimum of once every five (5) years thereafter.

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).

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

Record of hours of production of regular board, Paper-faced silicone core wallboard, UF fiberglass mat silicone core wallboard, and acrylic fiberglass mat silicone core wallboard including the record of consumption of No. 2 fuel oil shall be maintained at the facility on 12-month rolling period.

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.**# 013 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

Applicable RACT regulations for a combustion source at a major VOC facility and Work Practices proposed to comply with PRESUMPTIVE RACT III as follows:

"Except as specified in subsection (c), the owner and operator of a combustion source located at a major VOC emitting facility subject to § 129.111 shall install, maintain and operate the source in accordance with the manufacturer's specifications and with good operating practices for the control of the VOC emissions from the combustion source".

014 [25 Pa. Code §129.97]**Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

Applicable RACT regulations for a combustion source at a major VOC facility and Work Practices proposed to comply with PRESUMPTIVE RACT II as follows:

"Except as specified under subsection (c), the owner and operator of a combustion source located at a major VOC emitting facility subject to §129.96 shall install, maintain and operate the source in accordance with the manufacturer's specifications and with good operating practices for the control of the VOC emissions from the combustion source".

VII. ADDITIONAL REQUIREMENTS.**# 015 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The owner operator shall use the following calculation methodology on a monthly basis to demonstrate compliance with emission limitations. Emission factors shall be based upon the most recently approved stack testing report results:

Total VOC Emissions (previous 12 months) = [(P1*EF1) + (P2*EF2) + (P3*EF3) + (P4*EF4)]/2,000 lbs./ton; Where:

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

P1 - The operating hours of Regular Board

P2 - The operating hours of paper-faced silicone core wallboard

P3 - The operating hours of UF fiberglass mat silicone core wallboard.

P4 - The operating hours of acrylic fiberglass mat silicone core wallboard

EF1 – The VOC emissions factor in pounds per hour for Regular Board (Method 25A using criteria of carbon concentration)

EF2 – The VOC emissions factor in pounds per hour for paper-faced silicone core wallboard -(Method 25)

EF3 – The VOC emissions factor in pounds per hour for UF fiberglass mat silicone core
Wallboard -(Method 25)

EF4 – The VOC emissions factor in pounds per hour for acrylic fiberglass mat silicone core wallboard (Method 25)

016 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

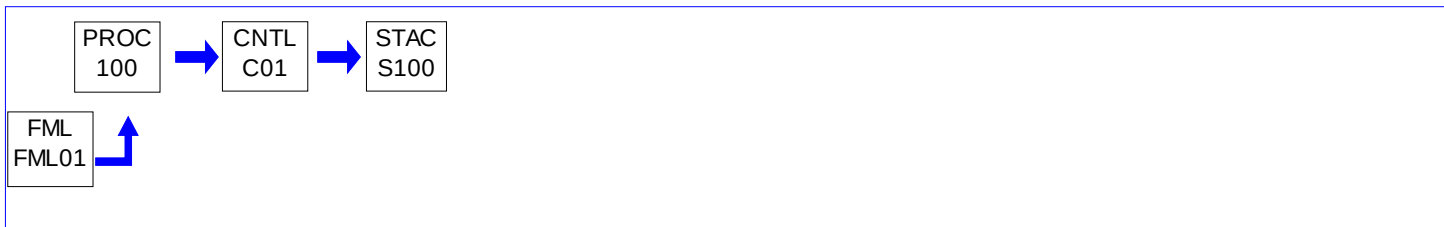
The permittee shall use the VOC emission factors from the most recent stack testing results for actual emission calculations and compliance demonstration.

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

Source ID: 100

Source Name: IMPACT MILL NO. 1 - 4

Source Capacity/Throughput:

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

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

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

Hourly emissions from the Imp Mills (1- 4) and associated baghouses shall not equal or exceed:

No. 2 Fuel Oil:

CO: 1.10 lbs/hr;
NO_x: 3.80 lbs/hr;
TSP: 3.80 lbs/hr;
PM₁₀: 3.80 lb/hr;
SO_x: 5.30 lbs/hr; and
VOC: 0.043 lbs/hr.

Natural Gas:

CO: 1.83 lbs/hr;
NO_x: 0.54 lbs/hr;
TSP: 3.80 lb/hr;
PM₁₀: 3.80 lbs/hr;
SO_x: 0.99 lbs/hr; and
VOC: 0.174 lbs/hr.

Total emissions from the Imp Mill (1 - 4) and associated baghouses shall not exceed the following in any consecutive and 12-month rolling period: :

CO: 30.48 tpy;
NO_x: 16.50 tpy;
TSP: 16.64 tpy;
PM₁₀: 16.64 tpy;
SO_x: 26.65 tpy; and
VOC: 2.76 tpy.

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

The opacity of all dust collector systems which vent outdoors shall not exceed 10%, using EPA Reference Method 9, found at 40 CFR 60, Appendix A.

**SECTION D. Source Level Plan Approval Requirements****# 004 [25 Pa. Code §127.12b]
Plan approval terms and conditions.**

The sulfur content of No. 2 fuel oil combusted at this facility shall not exceed 0.05%. The permittee shall provide fuel supplier certification that the oil complies with this specification.

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

The four (4) Imp Mills combined shall combust no more than 939,130 gallons of No. 2 fuel oil in any consecutive and 12-month rolling period and natural gas may be combusted up to 8,760 hours annually.

II. TESTING REQUIREMENTS.**# 006 [25 Pa. Code §127.12b]
Plan approval terms and conditions.**

The Owner/Operator shall conduct EPA Method 9 opacity readings for each baghouse exhausting to the outdoor atmosphere to verify compliance with opacity limits at the time of performance testing.

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

If at any time the opacity of a dust collector exhaust stream exceeds the prescribed opacity limitation, a certified visible emission evaluator shall take the opacity readings each day until problem is corrected.

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

The facility shall install meters or gauges permanently across each dust collector (new and existing) which vents to the outdoor atmosphere to monitor the pressure differential across the unit.

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

Record of consumption of No. 2 fuel oil (gallons) for the Imp Mills (1-4) shall be maintained for any consecutive 12-month rolling period and shall be made available to the Department upon request.

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

The baghouse shall be maintained and operated according to the Manufacturer's Recommended Maintenance and Operating Schedule. A copy of the Manufacturer's Recommended Maintenance and Operating Schedule shall be kept on site and records of all maintenance performed on each baghouse, and corrective actions taken, shall be kept.

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

The permittee shall maintain daily records of available operating parameters, including but not limited to: dust collector pressure differential, the appearance of the dust collector exhaust streams as well as any preventive or corrective maintenance performed on the equipment. Records shall be retained for at least 5 years, and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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

VII. ADDITIONAL REQUIREMENTS.

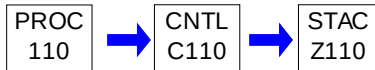
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 110

Source Name: PAVED ROADWAYS

Source Capacity/Throughput:

**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.

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

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

The Owner/Operator shall maintain and operate "Truck Tire Wash Station" according the manufacturer operating schedule and maintenance procedure. Record of any maintenance performed on the wash station shall be kept on site and made available to the Department upon request.

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

Road watering and sweeping shall be performed as needed to prevent fugitive emissions.

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

The facility shall use a road sweeper as necessary to clean facility road and parking areas.

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

Earth or other material transported onto the public road shall be removed promptly.

VII. ADDITIONAL REQUIREMENTS.

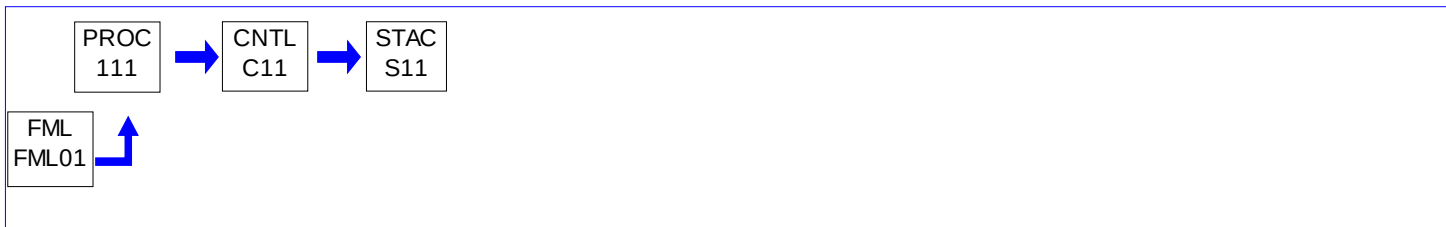
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 111

Source Name: CAGE MILL

Source Capacity/Throughput:

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

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

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

Hourly emissions from the Cage Mill and associated baghouse shall not equal or exceed:

No. 2 fuel oil:

CO: 2.17 lbs/hr;
 NO_x: 12.10 lbs/hr;
 TSP: 5.74 lbs/hr;
 PM₁₀: 5.01 lbs/hr;
 SO_x: 13.29 lbs/hr; and
 VOC: 0.094 lbs/hr.

Natural Gas:

CO: 1.7 lbs/hr;
 NO_x: 1.44 lbs/hr;
 TSP: 5.74 lbs/hr;
 PM₁₀: 5.01 lbs/hr;
 SO_x: 0.04 lbs/hr; and
 VOC: 0.84 lbs/hr.

Total emissions from the Cage Mill and associated baghouse shall not equal or exceed the following in any consecutive 12-month rolling period:

CO: 7.70 tpy;
 NO_x: 12.06 tpy;
 TSP: 25.14 tpy;
 PM₁₀: 21.95 tpy;
 SO_x: 7.33 tpy; and
 VOC: 3.28 tpy

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

The opacity of all dust collector systems which vent outdoors shall not exceed 10%, using EPA Reference Method 9, found at 40 CFR 60, Appendix A.

**SECTION D. Source Level Plan Approval Requirements****# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The sulfur content of No. 2 fuel oil combusted at this facility shall not exceed 0.05%. The permittee shall provide fuel supplier certification that the oil complies with this specification.

005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.732]**Subpart UUU - Standards of Performance for Calciners and Dryers in Mineral Industries
Standards for particulate matter.**

In accordance with 40 CFR §60.732 the opacity from the Cage Mill baghouse shall not exceed 10%.

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

No. 2 fuel oil usage by the Cage Mill shall be limited to no more than 469,565 gallons in any consecutive 12-month rolling period.

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

The Owner/Operator shall conduct EPA Method 9 opacity readings for each baghouse exhausting to the outdoor atmosphere to verify compliance with opacity limits at the time of performance testing.

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

If at any time the opacity of a dust collector exhaust stream exceeds the prescribed opacity limitation, a certified visible emission evaluator shall take the opacity readings each day until problem is corrected.

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

The facility shall install meters or gauges permanently across each dust collector (new and existing) which vents to the outdoor atmosphere to monitor the pressure differential across the unit.

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

The permittee shall keep records of all fuel used by the Cage Mill on any consecutive 12-month rolling period. These records shall be kept on site for a period of five (5) years and be made available to the Department upon request.

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

Each baghouse shall be maintained and operated according to the Manufacturer's Recommended Maintenance and Operating Schedule. A copy of the Manufacturer's Recommended Maintenance and Operating Schedule shall be kept on site and records of all maintenance performed on each baghouse, and corrective actions taken, shall be kept.

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

The permittee shall maintain daily records of available operating parameters, including but not limited to: dust collector pressure differential, the appearance of the dust collector exhaust streams as well as any preventive or corrective maintenance performed on the equipment. Records shall be retained for at least five (5) years, and shall be made available to the Department upon request.

**SECTION D. Source Level Plan Approval Requirements****V. REPORTING REQUIREMENTS.****# 013 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

This source is subject to Subpart UUU of the Standards of Performance for New Stationary Sources and shall comply with all applicable requirements of this Subpart. 40 CFR § 60.4 requires submission of copies of all requests, reports, applications, submittals, and other communications to both EPA and the Department. The EPA copies shall be forwarded to:

Director; Air, Toxics and Radiation Division
US EPA, Region III;
1650 Arch Street
Philadelphia, PA 19103-2029

VI. WORK PRACTICE REQUIREMENTS.**# 014 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

Applicable RACT regulations for a combustion source at a major VOC facility and Work Practices proposed to comply with PRESUMPTIVE RACT III as follows:

"Except as specified in subsection (c), the owner and operator of a combustion source located at a major VOC emitting facility subject to § 129.111 shall install, maintain and operate the source in accordance with the manufacturer's specifications and with good operating practices for the control of the VOC emissions from the combustion source."

015 [25 Pa. Code §129.97]**Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

Applicable RACT regulations for a combustion source at a major VOC facility and Work Practices proposed to comply with PRESUMPTIVE RACT II as follows:

"Except as specified under subsection (c), the owner and operator of a combustion source located at a major VOC emitting facility subject to §129.96 shall install, maintain and operate the source in accordance with the manufacturer's specifications and with good operating practices for the control of the VOC emissions from the combustion source".

016 [25 Pa. Code §129.97]**Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

Applicable RACT regulations for a combustion source at a major VOC facility and Work Practices proposed to comply with PRESUMPTIVE RACT III as follows:

"Except as specified in subsection (c), the owner and operator of a combustion source located at a major VOC emitting facility subject to § 129.111 shall install, maintain and operate the source in accordance with the manufacturer's specifications and with good operating practices for the control of the VOC emissions from the combustion source."

VII. ADDITIONAL REQUIREMENTS.

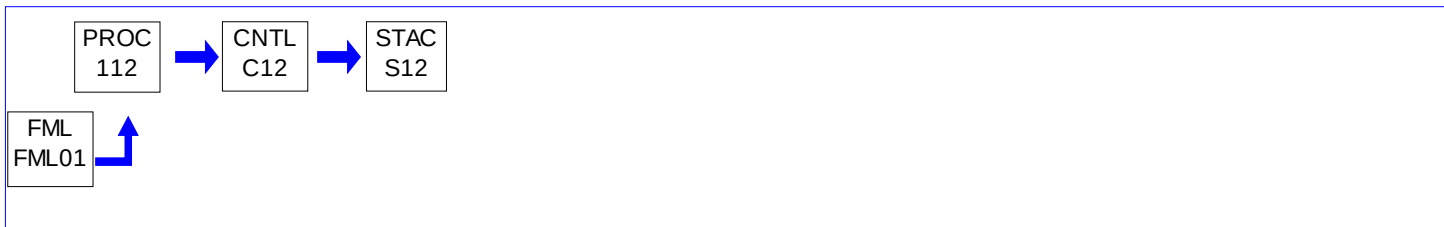
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 112

Source Name: STUCCO COOLER CONVEYOR

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Particulate emissions from the Flex-Kleen baghouse shall not equal or exceed 0.009 gr/dscf.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The opacity of all dust collector systems which vent outdoors shall not exceed 10%, using EPA Reference Method 9, found at 40 CFR 60, Appendix A.

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Owner/Operator shall conduct EPA Method 9 opacity readings for each baghouse exhausting to outdoor atmosphere to verify compliance with opacity limits at the time of performance testing.

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

If at any time the opacity of a dust collector exhaust stream exceeds the prescribed opacity limitation, a certified visible emission evaluator shall take the opacity readings each day until the problem is corrected.

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The facility shall install meters or gauges permanently across each dust collector (new and existing) which vents to the outdoor atmosphere to monitor the pressure differential across the unit.

IV. RECORDKEEPING REQUIREMENTS.

006 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Each baghouse shall be maintained and operated according to the Manufacturer's Recommended Maintenance and Operating Schedule. A copy of the Manufacturer's Recommended Maintenance and Operating Schedule shall be kept on site and records of all maintenance performed on each baghouse, and corrective actions taken, shall be kept.

007 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall maintain daily records of available operating parameters, including but not limited to: dust collector pressure differential, the appearance of the dust collector exhaust streams as well as any preventive or corrective maintenance performed on the equipment. Records shall be retained for at least five (5) years, and shall be made available to the Department upon request.

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

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

VII. ADDITIONAL REQUIREMENTS.

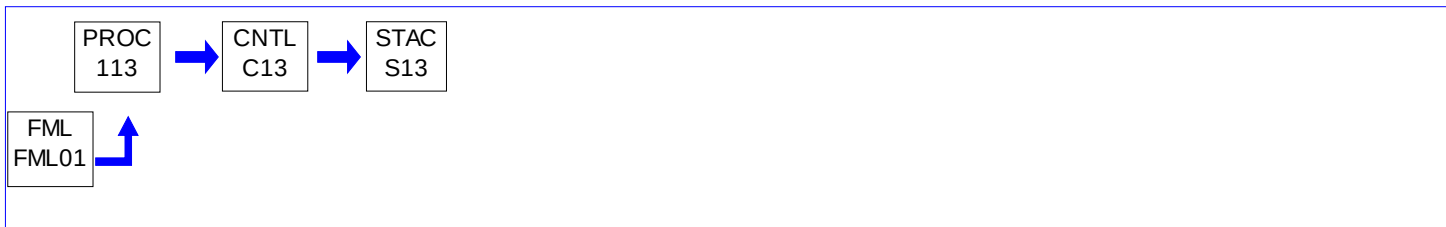
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 113

Source Name: STUCCO COOLER VESSEL

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Visible emissions from each baghouse stack shall not exceed the following limitations:

- a. Equal or exceed 10% at any time.
- b. If any visible emissions are noted the owner/operator shall perform a maintenance inspection of each baghouse and perform corrective action.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Particulate emissions from the Grenzbach baghouse shall not equal or exceed 0.009 gr/dscf.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The opacity of all dust collector systems which vent outdoors shall not exceed 10%, using EPA Reference Method 9, found at 40 CFR 60, Appendix A.

II. TESTING REQUIREMENTS.

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Owner/Operator shall conduct EPA Method 9 opacity readings for each baghouse which vents to outdoor atmosphere to verify compliance with opacity limits at the time of performance testing.

III. MONITORING REQUIREMENTS.

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

If at any time the opacity of a dust collector exhaust stream exceeds the prescribed opacity limitation, a certified visible emission evaluator shall take the opacity readings each day until problem is corrected.

006 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The facility shall install meters or gauges permanently across each dust collector (new and existing) which vents to the outdoor atmosphere to monitor the pressure differential across the unit.

IV. RECORDKEEPING REQUIREMENTS.

007 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Each baghouse shall be maintained and operated according to the Manufacturer's Recommended Maintenance and Operating Schedule. A copy of the Manufacturer's Recommended Maintenance and Operating Schedule shall be kept on site and records of all maintenance performed on each baghouse, and corrective actions taken, shall be kept.

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

008 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall maintain daily records of available operating parameters, including but not limited to: dust collector pressure differential, the appearance of the dust collector exhaust streams as well as any preventive or corrective maintenance performed on the equipment. Records shall be retained for at least five (5) years, and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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).

VII. ADDITIONAL REQUIREMENTS.

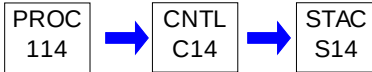
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 114

Source Name: 450-TON LP STORAGE SILO

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The opacity of all dust collector systems which vent to outdoor atmosphere shall not exceed 10%, using EPA Reference Method 9, found at 40 CFR 60, Appendix A.

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Owner/Operator shall conduct EPA Method 9 opacity readings for each baghouse which exhausts to outdoor atmosphere to verify compliance with opacity limits at the time of performance testing.

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

If at any time the opacity of a dust collector exhaust stream exceeds the prescribed opacity limitation, a certified visible emission evaluator shall take the opacity readings each day until problem is corrected.

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The facility shall install meters or gauges permanently across each dust collector (new and existing) which vents to the outdoor atmosphere to monitor the pressure differential across the unit.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

All baghouses shall be maintained and operated according to the Manufacturer's Recommended Maintenance and Operating Schedule. A copy of the Manufacturer's Recommended Maintenance and Operating Schedule shall be kept on site and records of all maintenance performed on each baghouse, and corrective actions taken, shall be kept.

006 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall maintain daily records of available operating parameters, including but not limited to: dust collector pressure differential, the appearance of the dust collector exhaust streams as well as any preventive or corrective maintenance performed on the equipment. Records shall be retained for at least five (5) years, and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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

VII. ADDITIONAL REQUIREMENTS.

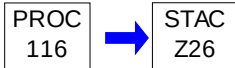
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 116

Source Name: STORAGE PILE

Source Capacity/Throughput:

**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.

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

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).

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

The raw material stored outside shall be watered as necessary to maintain minimum required moisture content and to minimize the fugitive emissions.

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

A minimum possible drop height shall be maintained at all the times during material handling operations.

VII. ADDITIONAL REQUIREMENTS.

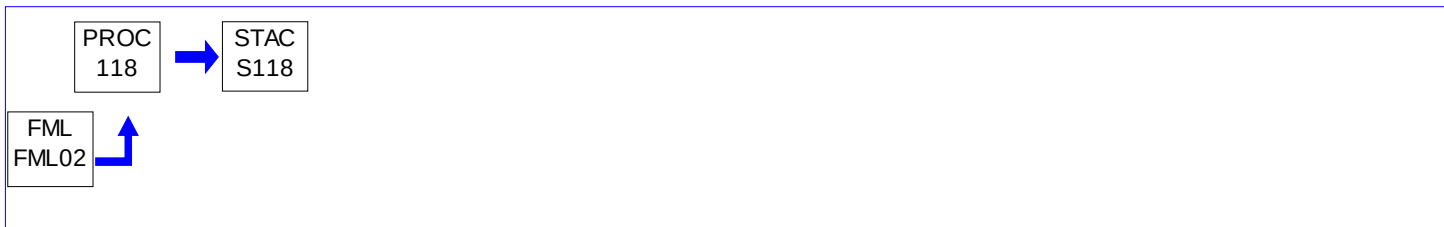
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 118

Source Name: 4-EMERGENCY DIESEL GEN @ 80 KW, 60 KW, 20 KW & ONE FIRE PUMP

Source Capacity/Throughput:

**I. RESTRICTIONS.****Operation Hours Restriction(s).**

001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary source?**

All three (3) generators (rated at 80 kW, 60 kW, 20 kW) and one (1) fire pump are rated at less than 500 bhp, were constructed prior to June 12, 2006; located at an area source of HAP; and therefore, are subject to the requirements of 40 CFR Part 63, Subpart ZZZZ, Section 63.6603 Table 2d which states as follows:

- Change oil and filter every 500 hours of operation or annually whichever comes first;
- Inspect air cleaner every 1,000 hours of operation or annually whichever comes first, and replace as necessary; and
- Inspect all hoses and belts every 500 hours of operation or annually whichever comes first, and replace as necessary.

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.

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

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).

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.

No additional work practice 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****VII. ADDITIONAL REQUIREMENTS.**

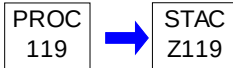
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 119

Source Name: WIND EROSION

Source Capacity/Throughput:

**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.

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

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).

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

The permittee shall control fugitive dust emissions from exposed surfaces such as stockpiles, unpaved roadways, raw material storage areas, and waste disposal piles etc.

VII. ADDITIONAL REQUIREMENTS.

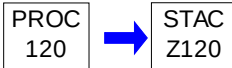
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 120

Source Name: TRUCK UNLOADING CONVEYING AND STACKER SYSTEM

Source Capacity/Throughput:

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

001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670]

Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants**Applicability and designation of affected facility.**

60.670(a)

60.670(a)(1)

Except as provided in paragraphs (a)(2), (b), (c), and (d) of this section, the provisions of this subpart are applicable to the following affected facilities in fixed or portable nonmetallic mineral processing plants: each crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck or railcar loading station. Also, crushers and grinding mills at hot mix asphalt facilities that reduce the size of nonmetallic minerals embedded in recycled asphalt pavement and subsequent affected facilities up to, but not including, the first storage silo or bin are subject to the provisions of this subpart.

60.670(a)(2)

The provisions of this subpart do not apply to the following operations: All facilities located in underground mines; plants without crushers or grinding mills above ground; and wet material processing operations (as defined in §60.671).

60.670(b)

An affected facility that is subject to the provisions of subparts F or I of this part or that follows in the plant process any facility subject to the provisions of subparts F or I of this part is not subject to the provisions of this subpart.

60.670(c)

Facilities at the following plants are not subject to the provisions of this subpart:

60.670(c)(1)

Fixed sand and gravel plants and crushed stone plants with capacities, as defined in §60.671, of 23 megagrams per hour (25 tons per hour) or less;

60.670(c)(2)

Portable sand and gravel plants and crushed stone plants with capacities, as defined in §60.671, of 136 megagrams per hour (150 tons per hour) or less; and

60.670(c)(3)

Common clay plants and pumice plants with capacities, as defined in §60.671, of 9 megagrams per hour (10 tons per hour) or less.

60.670(d)

60.670(d)(1)

When an existing facility is replaced by a piece of equipment of equal or smaller size, as defined in §60.671, having the same function as the existing facility, and there is no increase in the amount of emissions, the new facility is exempt from the provisions of §§60.672, 60.674, and 60.675 except as provided for in paragraph (d)(3) of this section.

60.670(d)(2)

An owner or operator complying with paragraph (d)(1) of this section shall submit the information required in §60.676(a).

60.670(d)(3)

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

An owner or operator replacing all existing facilities in a production line with new facilities does not qualify for the exemption described in paragraph (d)(1) of this section and must comply with the provisions of §§60.672, 60.674 and 60.675. 60.670(e)

An affected facility under paragraph (a) of this section that commences construction, modification, or reconstruction after August 31, 1983, is subject to the requirements of this part. 60.670(f)

Table 1 of this subpart specifies the provisions of subpart A of this part 60 that do not apply to owners and operators of affected facilities subject to this subpart or that apply with certain exceptions.

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

The new conveying system which transports gypsum material from one location to another location within a plant is subject to the requirements of subpart OOO. Conveying system includes but are not limited to the feeders, belt conveyors, bucket elevators, and pneumatic systems. According to 40 CFR Part 60 Subpart OOO §§60.670 and 60.671 the facilities which commence construction, modification, or reconstruction after April 22, 2008, are subject to this section. The owner or operator must demonstrate compliance with these limits by conducting an initial performance test according to §60.8 of this part and §60.675 of this subpart; the owner or operator of the affected facility must conduct an initial Method 9 (40 CFR Part 60, Appendix A-4) performance test according to this section and to §60.11. Monitoring of baghouses according to §60.674(c), (d), or (e) and §60.676(b).

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

60.675(a)

In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in appendices A-1 through A-7 of this part or other methods and procedures as specified in this section, except as provided in §60.8(b). Acceptable alternative methods and procedures are given in paragraph (e) of this section.

60.675(b)

The owner or operator shall determine compliance with the PM standards in §60.672(a) as follows:

60.675(b)(1)

Except as specified in paragraphs (e)(3) and (4) of this section, Method 5 of Appendix A-3 of this part or Method 17 of Appendix A-6 of this part shall be used to determine the particulate matter concentration. The sample volume shall be at least 1.70 dscm (60 dscf). For Method 5 (40 CFR part 60, Appendix A-3), if the gas stream being sampled is at ambient temperature, the sampling probe and filter may be operated without heaters. If the gas stream is above ambient temperature, the sampling probe and filter may be operated at a temperature high enough, but no higher than 121 °C (250 °F), to prevent water condensation on the filter.

60.675(b)(2)

Method 9 of Appendix A-4 of this part and the procedures in §60.11 shall be used to determine opacity.

60.675(c)

60.675(c)(1)

In determining compliance with the particulate matter standards in §60.672(b) or §60.672(e)(1), the owner or operator shall use Method 9 of Appendix A-4 of this part and the procedures in §60.11, with the following additions:

60.675(c)(1)(i)

The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).

60.675(c)(1)(ii)

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

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 of Appendix A-4 of this part, Section 2.1) must be followed.

60.675(c)(1)(iii)

For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. 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.

60.675(c)(2)

60.675(c)(2)(i)

In determining compliance with the opacity of stack emissions from any baghouse that controls emissions only from an individual enclosed storage bin under §60.672(f) of this subpart, using Method 9 (40 CFR part 60, Appendix A-4), the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations shall be 1 hour (ten 6-minute averages).

60.675(c)(2)(ii)

The duration of the Method 9 (40 CFR part 60, Appendix A-4) observations may be reduced to the duration the affected facility operates (but not less than 30 minutes) for baghouses that control storage bins or enclosed truck or railcar loading stations that operate for less than 1 hour at a time.

60.675(c)(3)

When determining compliance with the fugitive emissions standard for any affected facility described under §60.672(b) or §60.672(e)(1) of this subpart, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages.

60.675(d)

To demonstrate compliance with the fugitive emission limits for buildings specified in §60.672(e)(1), the owner or operator must complete the testing specified in paragraph (d)(1) and (2) of this section. Performance tests must be conducted while all affected facilities inside the building are operating.

60.675(d)(1)

If the building encloses any affected facility that commences construction, modification, or reconstruction on or after April 22, 2008, the owner or operator of the affected facility must conduct an initial Method 9 (40 CFR part 60, Appendix A-4) performance test according to this section and §60.11.

60.675(d)(2)

If the building encloses only affected facilities that commenced construction, modification, or reconstruction before April 22, 2008, and the owner or operator has previously conducted an initial Method 22 (40 CFR part 60, Appendix A-7) performance test showing zero visible emissions, then the owner or operator has demonstrated compliance with the opacity limit in §60.672(e)(1). If the owner or operator has not conducted an initial performance test for the building before April 22, 2008, then the owner or operator must conduct an initial Method 9 (40 CFR part 60, Appendix A-4) performance test according to this section and §60.11 to show compliance with the opacity limit in §60.672(e)(1).

60.675(e)

The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section:

60.675(e)(1)

For the method and procedure of paragraph (c) of this section, if emissions from two or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:

60.675(e)(1)(i)

Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream.

60.675(e)(1)(ii)

Separate the emissions so that the opacity of emissions from each affected facility can be read.

60.675(e)(2)

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

A single visible emission observer may conduct visible emission observations for up to three fugitive, stack, or vent emission points within a 15-second interval if the following conditions are met:

60.675(e)(2)(i)

No more than three emission points may be read concurrently.

60.675(e)(2)(ii)

All three emission points must be within a 70 degree viewing sector or angle in front of the observer such that the proper sun position can be maintained for all three points.

60.675(e)(2)(iii)

If an opacity reading for any one of the three emission points equals or exceeds the applicable standard, then the observer must stop taking readings for the other two points and continue reading just that single point.

60.675(e)(3)

Method 5I of Appendix A-3 of this part may be used to determine the PM concentration as an alternative to the methods specified in paragraph (b)(1) of this section. Method 5I (40 CFR part 60, Appendix A-3) may be useful for affected facilities that operate for less than 1 hour at a time such as (but not limited to) storage bins or enclosed truck or railcar loading stations.

60.675(e)(4)

In some cases, velocities of exhaust gases from building vents may be too low to measure accurately with the type S pitot tube specified in EPA Method 2 of Appendix A-1 of this part [i.e., velocity head <1.3 mm H₂O (0.05 in. H₂O)] and referred to in EPA Method 5 of Appendix A-3 of this part. For these conditions, the owner or operator may determine the average gas flow rate produced by the power fans (e.g., from vendor-supplied fan curves) to the building vent. The owner or operator may calculate the average gas velocity at the building vent measurement site using Equation 1 of this section and use this average velocity in determining and maintaining isokinetic sampling rates.

Where:

V_e = average building vent velocity (feet per minute);

Q_f = average fan flow rate (cubic feet per minute); and

A_e = area of building vent and measurement location (square feet).

60.675(f)

To comply with §60.676(d), the owner or operator shall record the measurements as required in §60.676(c) using the monitoring devices in §60.674 (a)(1) and (2) during each particulate matter run and shall determine the averages.

60.675(g)

For performance tests involving only Method 9 (40 CFR part 60 Appendix A-4) testing, the owner or operator may reduce the 30-day advance notification of performance test in §60.7(a)(6) and 60.8(d) to a 7-day advance notification.

60.675(h)

[Reserved]

60.675(i)

If the initial performance test date for an affected facility falls during a seasonal shut down (as defined in §60.671 of this subpart) of the affected facility, then with approval from the permitting authority, the owner or operator may postpone the initial performance test until no later than 60 calendar days after resuming operation of the affected facility.

004 [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.

60.676(a)

Each owner or operator seeking to comply with §60.670(d) shall submit to the Administrator the following information about the existing facility being replaced and the replacement piece of equipment.

60.676(a)(1)

For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station:

60.676(a)(1)(i)

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

The rated capacity in megagrams or tons per hour of the existing facility being replaced and 60.676(a)(1)(ii)

The rated capacity in tons per hour of the replacement equipment.

60.676(a)(2)

For a screening operation:

60.676(a)(2)(i)

The total surface area of the top screen of the existing screening operation being replaced and 60.676(a)(2)(ii)

The total surface area of the top screen of the replacement screening operation.

60.676(a)(3)

For a conveyor belt:

60.676(a)(3)(i)

The width of the existing belt being replaced and 60.676(a)(3)(ii) The width of the replacement conveyor belt.

60.676(a)(4)

For a storage bin:

60.676(a)(4)(i)

The rated capacity in megagrams or tons of the existing storage bin being replaced and 60.676(a)(4)(ii)

The rated capacity in megagrams or tons of replacement storage bins.

60.676(b)

60.676(b)(1)

Owners or operators of affected facilities (as defined in §§60.670 and 60.671) for which construction, modification, or reconstruction commenced on or after April 22, 2008, must record each periodic inspection required under §60.674(b) or (c), including dates and any corrective actions taken, in a logbook (in written or electronic format). The owner or operator must keep the logbook onsite and make hard or electronic copies (whichever is requested) of the logbook available to the Administrator upon request.

60.676(b)(2)

For each bag leak detection system installed and operated according to §60.674(d), the owner or operator must keep the records specified in paragraphs (b)(2)(i) through (iii) of this section.

60.676(b)(2)(i)

Records of the bag leak detection system output; 60.676(b)(2)(ii)

Records of bag leak detection system adjustments, including the date and time of the adjustment, the initial bag leak detection system settings, and the final bag leak detection system settings; and 60.676(b)(2)(iii)

The date and time of all bag leak detection system alarms, the time that procedures to determine the cause of the alarm were initiated, the cause of the alarm, an explanation of the actions taken, the date and time the cause of the alarm was alleviated, and whether the cause of the alarm was alleviated within 3 hours of the alarm.

**SECTION D. Source Level Plan Approval Requirements****60.676(b)(3)**

The owner or operator of each affected facility demonstrating compliance according to §60.674(e) by following the requirements for processed stone handling operations in the Lime Manufacturing NESHAP (40 CFR part 63, subpart AAAAA) must maintain records of visible emissions observations required by §63.7132(a)(3) and (b) of 40 CFR part 63, subpart AAAAA.

60.676(c)

During the initial performance test of a wet scrubber, and daily thereafter, the owner or operator shall record the measurements of both the change in pressure of the gas stream across the scrubber and the scrubbing liquid flow rate.

60.676(d)

After the initial performance test of a wet scrubber, the owner or operator shall submit semiannual reports to the Administrator of occurrences when the measurements of the scrubber pressure loss and liquid flow rate decrease by more than 30 percent from the average determined during the most recent performance test.

60.676(e)

The reports required under paragraph (d) of this section shall be postmarked within 30 days following end of the second and fourth calendar quarters.

60.676(f)

The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in §60.672 of this subpart, including reports of opacity observations made using Method 9 (40 CFR part 60, Appendix A-4) to demonstrate compliance with §60.672(b), (e) and (f).

60.676(g)

The owner or operator of any wet material processing operation that processes saturated and subsequently processes unsaturated materials, shall submit a report of this change within 30 days following such change. At the time of such change, this screening operation, bucket elevator, or belt conveyor becomes subject to the applicable opacity limit in §60.672(b) and the emission test requirements of §60.11.

60.676(h)

The subpart A requirement under §60.7(a)(1) for notification of the date construction or reconstruction commenced is waived for affected facilities under this subpart.

60.676(i)

A notification of the actual date of initial startup of each affected facility shall be submitted to the Administrator.

60.676(i)(1)

For a combination of affected facilities in a production line that begin actual initial startup on the same day, a single notification of startup may be submitted by the owner or operator to the Administrator. The notification shall be postmarked within 15 days after such date and shall include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available.

60.676(i)(2)

For portable aggregate processing plants, the notification of the actual date of initial startup shall include both the home office and the current address or location of the portable plant.

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

60.676(j)

The requirements of this section remain in force until and unless the Agency, in delegating enforcement authority to a State under section 111(c) of the Act, approves reporting requirements or an alternative means of compliance surveillance adopted by such States. In that event, affected facilities within the State will be relieved of the obligation to comply with the reporting requirements of this section, provided that they comply with requirements established by the State.

60.676(k)

Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to §60.4(b).

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).

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).

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.

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

A minimum possible drop height shall be maintained all the times during loading and unloading operations.

006 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The minimum moisture content shall be maintained in the conveying material to minimize the fugitive emissions.

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 D. Source Level Plan Approval Requirements**

Source ID: 201

Source Name: B.E.T SYSTEM NO. 2 AND B.E.T SYSTEM NO.3

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The opacity of all dust collector systems which vent to outdoor atmosphere shall not exceed 10%, using EPA Reference Method 9, found at 40 CFR 60, Appendix A.

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Owner/Operator shall conduct EPA Method 9 opacity readings for each baghouse which vents to outdoor atmosphere to verify compliance with opacity limits at the time of performance testing.

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

If at any time the opacity of a dust collector exhaust stream exceeds the prescribed opacity limitation, a certified visible emission evaluator shall take the opacity readings each day until problem is corrected.

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The facility shall install meters or gauges permanently across each dust collector (new and existing) which vents to the outdoor atmosphere to monitor the pressure differential across the unit.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall maintain daily records of available operating parameters, including but not limited to: dust collector pressure differential, the appearance of the dust collector exhaust streams as well as any preventive or corrective maintenance performed on the equipment. Records shall be retained for at least five (5) years, and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The baghouses shall be maintained and operated according to the Manufacturer's Recommended Maintenance and Operating Schedule. A copy of the Manufacturer's Recommended Maintenance and Operating Schedule shall be kept on

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

site and records of all maintenance performed on each baghouse, and corrective actions taken, shall be kept.

VII. ADDITIONAL REQUIREMENTS.

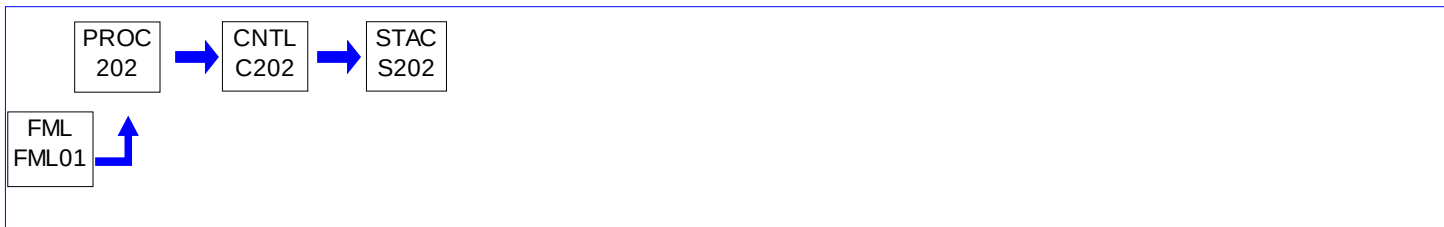
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 202

Source Name: B.E.T SYSTEM NO. 1/RISER MARKER

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The opacity of all dust collector systems which vent to outdoor atmosphere shall not exceed 10%, using EPA Reference Method 9, found at 40 CFR 60, Appendix A.

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Owner/Operator shall conduct EPA Method 9 opacity readings for each baghouse which vents to outdoor atmosphere to verify compliance with opacity limits at the time of performance testing.

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

If at any time the opacity of a dust collector exhaust stream exceeds the prescribed opacity limitation, a certified visible emission evaluator shall take the opacity readings each day until problem is corrected.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The baghouses shall be maintained and operated according to the Manufacturer's Recommended Maintenance and Operating Schedule. A copy of the Manufacturer's Recommended Maintenance and Operating Schedule shall be kept on site and records of all maintenance performed on each baghouse, and corrective actions taken, shall be kept.

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall maintain daily records of available operating parameters, including but not limited to: dust collector pressure differential, the appearance of the dust collector exhaust streams as well as any preventive or corrective maintenance performed on the equipment. Records shall be retained for at least five (5) years, and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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).



SECTION D. Source Level Plan Approval Requirements

VII. ADDITIONAL REQUIREMENTS.

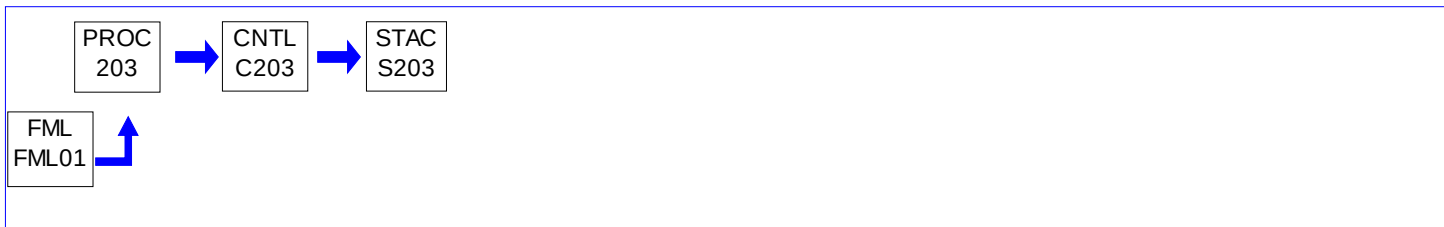
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 203

Source Name: STUCCO SILO

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The opacity of all dust collector systems which vent outdoors shall not exceed 10%, using EPA Reference Method 9, found at 40 CFR 60, Appendix A.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

If at any time the opacity of a dust collector exhaust stream exceeds the prescribed opacity limitation, a certified visible emission evaluator shall take the opacity readings each day until problem is corrected.

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Owner/Operator shall conduct EPA Method 9 opacity readings for each baghouse which vents to outdoor atmosphere to verify compliance with opacity limits at the time of performance testing.

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The facility shall install meters or gauges permanently across each dust collector (new and existing) which vents to the outdoor atmosphere to monitor the pressure differential across the unit.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The baghouses shall be maintained and operated according to the Manufacturer's Recommended Maintenance and Operating Schedule. A copy of the Manufacturer's Recommended Maintenance and Operating Schedule shall be kept on site and records of all maintenance performed on each baghouse, and corrective actions taken, shall be kept.

006 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall maintain daily records of available operating parameters, including but not limited to: dust collector pressure differential, the appearance of the dust collector exhaust streams as well as any preventive or corrective maintenance performed on the equipment. Records shall be retained for at least five (5) years, and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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

VII. ADDITIONAL REQUIREMENTS.

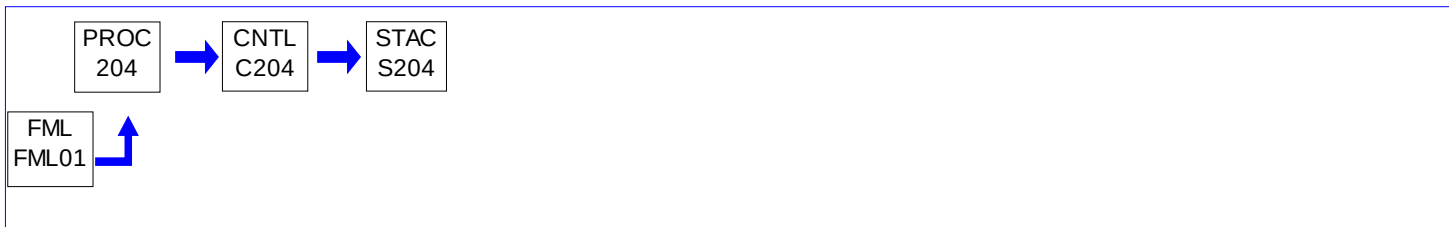
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 204

Source Name: STUCCO SILO (WET END)

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The opacity of all dust collector systems which vent to outdoor atmosphere shall not exceed 10%, using EPA Reference Method 9, found at 40 CFR 60, Appendix A.

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Owner/Operator shall conduct EPA Method 9 opacity readings for each baghouse which vents to outdoor atmosphere to verify compliance with opacity limits at the time of performance testing.

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

If at any time the opacity of a dust collector exhaust stream exceeds the prescribed opacity limitation, a certified visible emission evaluator shall take the opacity readings each day until problem is corrected.

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The facility shall install meters or gauges permanently across each dust collector (new and existing) which vents to the outdoor atmosphere to monitor the pressure differential across the unit.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The baghouses shall be maintained and operated according to the Manufacturer's Recommended Maintenance and Operating Schedule. A copy of the Manufacturer's Recommended Maintenance and Operating Schedule shall be kept on site and records of all maintenance performed on each baghouse, and corrective actions taken, shall be kept.

006 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall maintain daily records of available operating parameters, including but not limited to: dust collector pressure differential, the appearance of the dust collector exhaust streams as well as any preventive or corrective maintenance performed on the equipment. Records shall be retained for at least five (5) years, and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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



SECTION D. Source Level Plan Approval Requirements

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).

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 D. Source Level Plan Approval Requirements**

Source ID: 205

Source Name: STARCH STORAGE SILO FOR TRUCK UNLOADING

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The opacity of all dust collector systems which vent to outdoor atmosphere shall not exceed 10%, using EPA Reference Method 9, found at 40 CFR 60, Appendix A.

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

The Owner/Operator shall conduct EPA Method 9 opacity readings for each baghouse which vent to outdoor atmosphere to verify compliance with opacity limits at the time of performance testing.

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

If at any time the opacity of a dust collector exhaust stream exceeds the prescribed opacity limitation, a certified visible emission evaluator shall take the opacity readings each day until problem is corrected.

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

The facility shall install meters or gauges permanently across each dust collector (new and existing) which vents to the outdoor atmosphere to monitor the pressure differential across the unit.

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

The baghouses shall be maintained and operated according to the Manufacturer's Recommended Maintenance and Operating Schedule. A copy of the Manufacturer's Recommended Maintenance and Operating Schedule shall be kept on site and records of all maintenance performed on each baghouse, and corrective actions taken, shall be kept.

006 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall maintain daily records of available operating parameters, including but not limited to: dust collector pressure differential, the appearance of the dust collector exhaust streams as well as any preventive or corrective maintenance performed on the equipment. Records shall be retained for at least five (5) years, and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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

VII. ADDITIONAL REQUIREMENTS.

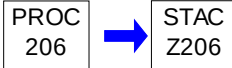
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 206

Source Name: WALLBOARD CRUSHER

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670]****Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Applicability and designation of affected facility.**

60.670(a)

60.670(a)(1)

Except as provided in paragraphs (a)(2), (b), (c), and (d) of this section, the provisions of this subpart are applicable to the following affected facilities in fixed or portable nonmetallic mineral processing plants: each crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck or railcar loading station. Also, crushers and grinding mills at hot mix asphalt facilities that reduce the size of nonmetallic minerals embedded in recycled asphalt pavement and subsequent affected facilities up to, but not including, the first storage silo or bin are subject to the provisions of this subpart.

60.670(a)(2)

The provisions of this subpart do not apply to the following operations: All facilities located in underground mines; plants without crushers or grinding mills above ground; and wet material processing operations (as defined in §60.671).

60.670(b)

An affected facility that is subject to the provisions of subparts F or I of this part or that follows in the plant process any facility subject to the provisions of subparts F or I of this part is not subject to the provisions of this subpart.

60.670(c)

Facilities at the following plants are not subject to the provisions of this subpart:

60.670(c)(1)

Fixed sand and gravel plants and crushed stone plants with capacities, as defined in §60.671, of 23 megagrams per hour (25 tons per hour) or less;

60.670(c)(2)

Portable sand and gravel plants and crushed stone plants with capacities, as defined in §60.671, of 136 megagrams per hour (150 tons per hour) or less; and

60.670(c)(3)

Common clay plants and pumice plants with capacities, as defined in §60.671, of 9 megagrams per hour (10 tons per hour) or less.

60.670(d)

60.670(d)(1)

When an existing facility is replaced by a piece of equipment of equal or smaller size, as defined in §60.671, having the same function as the existing facility, and there is no increase in the amount of emissions, the new facility is exempt from the provisions of §§60.672, 60.674, and 60.675 except as provided for in paragraph (d)(3) of this section.

60.670(d)(2)

An owner or operator complying with paragraph (d)(1) of this section shall submit the information required in §60.676(a).

60.670(d)(3)

An owner or operator replacing all existing facilities in a production line with new facilities does not qualify for the exemption described in paragraph (d)(1) of this section and must comply with the provisions of §§60.672, 60.674 and 60.675.

60.670(e)

An affected facility under paragraph (a) of this section that commences construction, modification, or reconstruction after August 31, 1983, is subject to the requirements of this part.

60.670(f)

Table 1 of this subpart specifies the provisions of subpart A of this part 60 that do not apply to owners and operators of affected facilities subject to this subpart or that apply with certain exceptions.

**SECTION D. Source Level Plan Approval Requirements****# 002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]****Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants****Test methods and procedures.****60.675(a)**

In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in appendices A₁ through A₇ of this part or other methods and procedures as specified in this section, except as provided in §60.8(b). Acceptable alternative methods and procedures are given in paragraph (e) of this section.

60.675(b)

The owner or operator shall determine compliance with the PM standards in §60.672(a) as follows:

60.675(b)(1)

Except as specified in paragraphs (e)(3) and (4) of this section, Method 5 of Appendix A₃ of this part or Method 17 of Appendix A₆ of this part shall be used to determine the particulate matter concentration. The sample volume shall be at least 1.70 dscm (60 dscf). For Method 5 (40 CFR part 60, Appendix A₃), if the gas stream being sampled is at ambient temperature, the sampling probe and filter may be operated without heaters. If the gas stream is above ambient temperature, the sampling probe and filter may be operated at a temperature high enough, but no higher than 121 °C (250 °F), to prevent water condensation on the filter.

60.675(b)(2)

Method 9 of Appendix A₄ of this part and the procedures in §60.11 shall be used to determine opacity.

60.675(c)**60.675(c)(1)**

In determining compliance with the particulate matter standards in §60.672(b) or §60.672(e)(1), the owner or operator shall use Method 9 of Appendix A₄ of this part and the procedures in §60.11, with the following additions:

60.675(c)(1)(i)

The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).

60.675(c)(1)(ii)

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 of Appendix A₄ of this part, Section 2.1) must be followed.

60.675(c)(1)(iii)

For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. 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.

60.675(c)(2)**60.675(c)(2)(i)**

In determining compliance with the opacity of stack emissions from any baghouse that controls emissions only from an individual enclosed storage bin under §60.672(f) of this subpart, using Method 9 (40 CFR part 60, Appendix A₄), the duration of the Method 9 (40 CFR part 60, Appendix A₄) observations shall be 1 hour (ten 6-minute averages).

60.675(c)(2)(ii)

The duration of the Method 9 (40 CFR part 60, Appendix A₄) observations may be reduced to the duration the affected facility operates (but not less than 30 minutes) for baghouses that control storage bins or enclosed truck or railcar loading stations that operate for less than 1 hour at a time.

60.675(c)(3)

When determining compliance with the fugitive emissions standard for any affected facility described under §60.672(b) or §60.672(e)(1) of this subpart, the duration of the Method 9 (40 CFR part 60, Appendix A₄) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages.

60.675(d)

To demonstrate compliance with the fugitive emission limits for buildings specified in §60.672(e)(1), the owner or operator must complete the testing specified in paragraph (d)(1) and (2) of this section. Performance tests must be conducted while all affected facilities inside the building are operating.

60.675(d)(1)

If the building encloses any affected facility that commences construction, modification, or reconstruction on or after April 22, 2008, the owner or operator of the affected facility must conduct an initial Method 9 (40 CFR part 60, Appendix A₄)

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

performance test according to this section and §60.11.

60.675(d)(2)

If the building encloses only affected facilities that commenced construction, modification, or reconstruction before April 22, 2008, and the owner or operator has previously conducted an initial Method 22 (40 CFR part 60, Appendix A₂7) performance test showing zero visible emissions, then the owner or operator has demonstrated compliance with the opacity limit in §60.672(e)(1). If the owner or operator has not conducted an initial performance test for the building before April 22, 2008, then the owner or operator must conduct an initial Method 9 (40 CFR part 60, Appendix A₂4) performance test according to this section and §60.11 to show compliance with the opacity limit in §60.672(e)(1).

60.675(e)

The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section:

60.675(e)(1)

For the method and procedure of paragraph (c) of this section, if emissions from two or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:

60.675(e)(1)(i)

Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream.

60.675(e)(1)(ii)

Separate the emissions so that the opacity of emissions from each affected facility can be read.

60.675(e)(2)

A single visible emission observer may conduct visible emission observations for up to three fugitive, stack, or vent emission points within a 15-second interval if the following conditions are met:

60.675(e)(2)(i)

No more than three emission points may be read concurrently.

60.675(e)(2)(ii)

All three emission points must be within a 70 degree viewing sector or angle in front of the observer such that the proper sun position can be maintained for all three points.

60.675(e)(2)(iii)

If an opacity reading for any one of the three emission points equals or exceeds the applicable standard, then the observer must stop taking readings for the other two points and continue reading just that single point.

60.675(e)(3)

Method 5I of Appendix A₂3 of this part may be used to determine the PM concentration as an alternative to the methods specified in paragraph (b)(1) of this section. Method 5I (40 CFR part 60, Appendix A₂3) may be useful for affected facilities that operate for less than 1 hour at a time such as (but not limited to) storage bins or enclosed truck or railcar loading stations.

60.675(e)(4)

In some cases, velocities of exhaust gases from building vents may be too low to measure accurately with the type S pitot tube specified in EPA Method 2 of Appendix A₂1 of this part [i.e., velocity head <1.3 mm H₂O (0.05 in. H₂O)] and referred to in EPA Method 5 of Appendix A₂3 of this part. For these conditions, the owner or operator may determine the average gas flow rate produced by the power fans (e.g., from vendor-supplied fan curves) to the building vent. The owner or operator may calculate the average gas velocity at the building vent measurement site using Equation 1 of this section and use this average velocity in determining and maintaining isokinetic sampling rates.

Where:

Ve= average building vent velocity (feet per minute);

Qf= average fan flow rate (cubic feet per minute); and

Ae= area of building vent and measurement location (square feet).

60.675(f)

To comply with §60.676(d), the owner or operator shall record the measurements as required in §60.676(c) using the monitoring devices in §60.674 (a)(1) and (2) during each particulate matter run and shall determine the averages.

60.675(g)

For performance tests involving only Method 9 (40 CFR part 60 Appendix A₂4) testing, the owner or operator may reduce the 30-day advance notification of performance test in §60.7(a)(6) and 60.8(d) to a 7-day advance notification.

60.675(h)

[Reserved]

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

60.675(i)

If the initial performance test date for an affected facility falls during a seasonal shut down (as defined in §60.671 of this subpart) of the affected facility, then with approval from the permitting authority, the owner or operator may postpone the initial performance test until no later than 60 calendar days after resuming operation of the affected facility.

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

The new conveying system which transports gypsum material from one location to another location within a plant is subject to the requirements of subpart OOO. Conveying system includes but are not limited to the feeders, belt conveyors, bucket elevators, and pneumatic systems. According to 40 CFR Part 60 Subpart OOO §§60.670 and 60.671 the facilities which commence construction, modification, or reconstruction after April 22, 2008, are subject to this section. The owner or operator must demonstrate compliance with these limits by conducting an initial performance test according to §60.8 of this part and §60.675 of this subpart; the owner or operator of the affected facility must conduct an initial Method 9 (40 CFR Part 60, Appendix A-4) performance test according to this section and to §60.11. Monitoring of baghouses according to §60.674(c), (d), or (e) and §60.676(b).

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

60.676(a)

Each owner or operator seeking to comply with §60.670(d) shall submit to the Administrator the following information about the existing facility being replaced and the replacement piece of equipment.

60.676(a)(1)

For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station:

60.676(a)(1)(i)

The rated capacity in megagrams or tons per hour of the existing facility being replaced and

60.676(a)(1)(ii)

The rated capacity in tons per hour of the replacement equipment.

60.676(a)(2)

For a screening operation:

60.676(a)(2)(i)

The total surface area of the top screen of the existing screening operation being replaced and

60.676(a)(2)(ii)

The total surface area of the top screen of the replacement screening operation.

60.676(a)(3)

For a conveyor belt:

60.676(a)(3)(i)

The width of the existing belt being replaced and

60.676(a)(3)(ii)

The width of the replacement conveyor belt.

60.676(a)(4)

For a storage bin:

60.676(a)(4)(i)

The rated capacity in megagrams or tons of the existing storage bin being replaced and

60.676(a)(4)(ii)

The rated capacity in megagrams or tons of replacement storage bins.

60.676(b)

60.676(b)(1)

Owners or operators of affected facilities (as defined in §§60.670 and 60.671) for which construction, modification, or reconstruction commenced on or after April 22, 2008, must record each periodic inspection required under §60.674(b) or (c), including dates and any corrective actions taken, in a logbook (in written or electronic format). The owner or operator must keep the logbook onsite and make hard or electronic copies (whichever is requested) of the logbook available to the Administrator upon request.

60.676(b)(2)

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

For each bag leak detection system installed and operated according to §60.674(d), the owner or operator must keep the records specified in paragraphs (b)(2)(i) through (iii) of this section.

60.676(b)(2)(i)

Records of the bag leak detection system output;

60.676(b)(2)(ii)

Records of bag leak detection system adjustments, including the date and time of the adjustment, the initial bag leak detection system settings, and the final bag leak detection system settings; and

60.676(b)(2)(iii)

The date and time of all bag leak detection system alarms, the time that procedures to determine the cause of the alarm were initiated, the cause of the alarm, an explanation of the actions taken, the date and time the cause of the alarm was alleviated, and whether the cause of the alarm was alleviated within 3 hours of the alarm.

60.676(b)(3)

The owner or operator of each affected facility demonstrating compliance according to §60.674(e) by following the requirements for processed stone handling operations in the Lime Manufacturing NESHAP (40 CFR part 63, subpart AAAAA) must maintain records of visible emissions observations required by §63.7132(a)(3) and (b) of 40 CFR part 63, subpart AAAAA.

60.676(c)

During the initial performance test of a wet scrubber, and daily thereafter, the owner or operator shall record the measurements of both the change in pressure of the gas stream across the scrubber and the scrubbing liquid flow rate.

60.676(d)

After the initial performance test of a wet scrubber, the owner or operator shall submit semiannual reports to the Administrator of occurrences when the measurements of the scrubber pressure loss and liquid flow rate decrease by more than 30 percent from the average determined during the most recent performance test.

60.676(e)

The reports required under paragraph (d) of this section shall be postmarked within 30 days following end of the second and fourth calendar quarters.

60.676(f)

The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in §60.672 of this subpart, including reports of opacity observations made using Method 9 (40 CFR part 60, Appendix A₄) to demonstrate compliance with §60.672(b), (e) and (f).

60.676(g)

The owner or operator of any wet material processing operation that processes saturated and subsequently processes unsaturated materials, shall submit a report of this change within 30 days following such change. At the time of such change, this screening operation, bucket elevator, or belt conveyor becomes subject to the applicable opacity limit in §60.672(b) and the emission test requirements of §60.11.

60.676(h)

The subpart A requirement under §60.7(a)(1) for notification of the date construction or reconstruction commenced is waived for affected facilities under this subpart.

60.676(i)

A notification of the actual date of initial startup of each affected facility shall be submitted to the Administrator.

60.676(i)(1)

For a combination of affected facilities in a production line that begin actual initial startup on the same day, a single notification of startup may be submitted by the owner or operator to the Administrator. The notification shall be postmarked within 15 days after such date and shall include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available.

60.676(i)(2)

For portable aggregate processing plants, the notification of the actual date of initial startup shall include both the home office and the current address or location of the portable plant.

60.676(j)

The requirements of this section remain in force until and unless the Agency, in delegating enforcement authority to a State under section 111(c) of the Act, approves reporting requirements or an alternative means of compliance surveillance adopted by such States. In that event, affected facilities within the State will be relieved of the obligation to comply with the reporting requirements of this section, provided that they comply with requirements established by the State.

60.676(k)

Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to §60.4(b).



SECTION D. Source Level Plan Approval Requirements

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).

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).

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.

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

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.

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Plan Approval facility.

**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.

**SECTION H. Miscellaneous.**

List of Sources and Controls (Baghouses vents inside):

There are twenty-four (24) baghouses which vent inside the building and are not assigned but detailed below in Table 16.

List of Baghouses - Vent Inside

EP Name/Number Source Description Baghouse Rating (acfm @ temp)

P1 Jet Belt Conveyor # 1 425 @ 75°F
 P2 LP Feed A bin vent filter 425 @ 75°F
 P3 LP Feed B bin vent filter 425 @ 75°F
 P4 Starch Pulper receiving bin DC 300 @ 75°F
 P5 Starch receiving bin DC 300 @ 75°F
 P6 BMA B elevator DC 425 @ 75°F
 P7 BMA receiving bin filter 425 @ 75°F
 P8 Potash bin DC 425 @ 75°F
 P9 Potash Pulper DC 300 @ 75°F
 P10 Vermiculite 45 surge bin filter 425 @ 75°F
 P11 Vermiculite 45 receiving bin DC 425 @ 75°F
 P12 Vermiculite 54 surge bin filter 425 @ 75°F
 P13 Vermiculite 54 receiving bin DC 425 @ 75°F
 P14 Pin Mixer DC 425 @ 75°F
 P15 Potash Surge bin filter 150 @ 75°F
 P16 Potash Feed bin DC 150 @ 75°F
 P17 Stucco Operation 425 @ 75°F
 P18 Starch feed bin DC 300 @ 75°F
 P19 60-ton LP storage bin vent 425 @ 75°F
 P20 Impact Mill FB bin vent (1) 425 @ 75°F
 P21 Impact Mill FB bin vent (2) 425 @ 75°F
 P22 Impact Mill FB bin vent (3) 425 @ 75°F
 P23 Impact Mill FB bin vent (4) 425 @ 75°F
 P24 350-ton FDG Silo bin vent DC 425 @ 75°F

1. DC is Dust Collector.
2. "P" denotes the sources vent inside the building.
3. "FB" denotes feeder bin.

Sources not connected to Baghouse

Source No.	Source Description
109	Board Dryer
206	Wallboard Crusher
*P26	Secondary Wallboard Shredder
11 8	Mill Backup Generator (80 kW)
	Emergency Fire Pump
	Knife Backup Generator (20 kW)
	Take Off Backup Generator (60 kW)
110	Vehicular Traffic/Paved Roadways
*116	Material Handling from Pile
*117	Truck Tire Wash Station
*119	Wind Erosion
*120	Truck unloading conveying and stacker system

1. Fugitive sources are new proposed sources.
2. "P" denotes the sources that vent inside the building.
3. The *fugitive emissions are controlled via water sprays on as needed basis.
4. All 3 emergency engines and one emergency fire pump are existing sources.
5. Asterisk (*) represents new sources.

**SECTION H. Miscellaneous.**

The following sources are exempt from RACT requirements:

1. Source ID 100: Impact Mills
2. Source ID 118: Four (4) Emergency Genrators
3. Source ID 202: B.E.T. System No.1/Riser Marker



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