



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date: November 1, 2017 Effective Date:
Revision Date: February 27, 2019 Expiration Date: November 1, 2027
Revision Type: Modification

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. 39-309-079

Federal Tax Id - Plant Code: 38-2943735-1

Owner Information

Name: HOLCIM (US) INC
Mailing Address: 5160 MAIN ST
WHITEHALL, PA 18052-1827

Plant Information

Plant: HOLCIM (US) INC/WHITEHALL PLT
Location: 39 Lehigh County 39925 Whitehall Township
SIC Code: 3241 Manufacturing - Cement, Hydraulic

Responsible Official

Name: LORRAINE FACCENDA
Title: PLANT MGR
Phone: (610) 261 - 3453

Plan Approval Contact Person

Name: ANDREW HORRELL
Title: MGR. ENV. & PUBLIC AFFAIR
Phone: (610) 261 - 3441

[Signature] _____
MARK J. WEJKSZNER, NORTHEAST REGION AIR PROGRAM MANAGER



Plan Approval Description

This Plan Approval to establish a plant-wide applicability limit (PAL) in accordance with 40 CFR 52.21(aa) and 25 PA Code 127.218 for PM, PM10, PM2.5, NOx, SO2, VOC, CO, Pb, H2SO4, and HF emissions from the Lafarge Whitehall facility.

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

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Source ID	Source Name	Capacity/Throughput	Fuel/Material
037	RANSOME GENERATOR (EAST)	17.100 MMBTU/HR	
		131.000 Gal/HR	#2 Oil
038	RANSOME GENERATOR (CENTER)	17.100 MMBTU/HR	
		131.000 Gal/HR	#2 Oil
039	RANSOME GENERATOR (WEST)	17.100 MMBTU/HR	
		131.000 Gal/HR	#2 Oil
101	K-2 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM	1,000.000 Gal/HR	#2 Oil
		75.000 Tons/HR	CLINKER
		3.000 Tons/HR	TDF
		10.000 Tons/HR	Bituminous
103	K-2 COOLER	70.000 Tons/HR	CLINKER
105	K-2 CLINKER TOWER	80.000 Tons/HR	CLINKER
106	BULK SILOS (B-5 D.C.)	200.000 Tons/HR	CEMENT
107	BULK SILO GROUP (B-6 D.C.)	200.000 Tons/HR	CEMENT
108	#1 RAW GRINDING MILL	50.000 Gal/HR	#5 Oil
		180.000 Tons/HR	CEMENT ROCK
109	H1/H2 HOMO SILO	220.000 Tons/HR	CEMENT ROCK
110	QUARRY IMPACTOR	750.000 Tons/HR	CEMENT ROCK
112	H3/H4 HOMO SILO	220.000 Tons/HR	CEMENT ROCK
113	K-2 DUST RETURN SYSTEM	180.000 Tons/HR	CEMENT DUST
114	K-3 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM	2.000 Tons/HR	TDF
		50.000 Tons/HR	Bituminous
		50.000 Tons/HR	CLINKER
		180.000 Gal/HR	#2 Oil
115	K-3 COOLER	50.000 Tons/HR	CLINKER
122	#2 FINISH MILL OSEPA	90.000 Tons/HR	CEMENT
123	CLINKER SILOS GROUP COLLECTOR	125.000 Tons/HR	CLINKER
124	K-3 CLINKER TOWER	60.000 Tons/HR	CLINKER
125	K-3 CLINKER TRANSFER TOWER	100.000 Tons/HR	CLINKER
127	#1 FINISH GRINDING MILL	70.000 Tons/HR	CEMENT
128	#2 FINISH GRINDING MILL	90.000 Tons/HR	CEMENT
129	#2 FINISH MILL AUXILLARIES	90.000 Tons/HR	CEMENT
132	PACKHOUSE 4 (EAST)	400.000 Tons/HR	CEMENT
133	B-13 & B-14 BULK SILOS	200.000 Tons/HR	CEMENT
135	H5/H6 HOMO SILO	220.000 Tons/HR	CEMENT ROCK
136	BULK SILOS LANE 1 REAR SPOUT	360.000 Tons/HR	
137	FINISH MILL 1 AUXILLARIES	70.000 Tons/HR	CEMENT
138	#2 RAW GRINDING MILL	93.300 Gal/HR	#5 Oil
		110.000 Tons/HR	CEMENT ROCK
139	CLINKER STORAGE BUILDING	150.000 Tons/HR	CLINKER
140	BULK SILOS LANE 1 FRONT SPOUT	360.000 Tons/HR	CEMENT
141	BULK SILOS LANE 2 SPOUT	360.000 Tons/HR	CEMENT
143	COAL MILL 2	8.000 Tons/HR	COAL

SECTION A. Plan Approval Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
144	COAL MILL 3	6.100 Tons/HR	COAL
145	PULVERIZED FUEL BIN	69.000 Tons/HR	PULVERIZED COAL
146	K-2 FEED SYSTEM	140.000 Tons/HR	KILN FEED
148	#4 PACKHOUSE (WEST)	200.000 Tons/HR	CEMENT
149	#1 PACKHOUSE WEST	200.000 Tons/HR	
150	#1 PACKHOUSE EAST	200.000 Tons/HR	CEMENT
151	CEMENT SILOS S10 - S23 GROUP	220.000 Tons/HR	
152	NOS. 2 & 6 CLINKER SILOS LOADOUT SPOUTS		
153	BULK SILO B-11		
154	CEMENT/SLAG BLENDER		
155	PDF TRANSFER SYSTEM		
160	MISC FUGITIVE EMISSIONS	10.000 Tons/HR	
162	1 FINISH MILL HES		
163	CLINKER RECLAIM BELT CONVEYOR SYSTEM		
164	PEBBLE LIME SILO		
165	RAW BELT 1		
170	STONE SILO 5 & 6 W/ BELT 9		
C170	FABRIC COLLECTOR 5/6 SILO W/BIN VENT		
C172	LIME SILO BAGHOUSE		
C43	BULK SILO LANE 1 FRONT SPOUT		
C45	BULK SILO LANE 2 SPOUT		
C47	PACKHOUSE 4 BAGHOUSE (EAST)		
C51	#1 FINISH MILL HES BAGHOUSE		
C52	NOS. 2 & 6 CLINKER SILOS LOADOUT SPOUTS COLLECTOR		
C53	BULK SILO B-11 BAGHOUSE		
C55	PDF FEED BINS BAGHOUSE		
C61	CLINKER RECLAIM FABRIC COLLECTOR 1		
C62	CLINKER RECLAIM FABRIC COLLECTOR 2		
C63	CLINKER RECLAIM FABRIC COLLECTOR 3		
C64	CLINKER RECLAIM FABRIC COLLECTOR 4		
C65	CLINKER RECLAIM FABRIC COLLECTOR 5		
C66	CLINKER RECLAIM FABRIC COLLECTOR 6		
C67	CLINKER RECLAIM FABRIC COLLECTOR 7		
C68	CLINKER RECLAIM FABRIC COLLECTOR 8		
C69	CLINKER RECLAIM FABRIC COLLECTOR 9		
C70	PEBBLE LIME SILO FABRIC COLLECTOR		
C71	RAW BELT 1 FABRIC COLLECTOR		
C75	H1-H4 HOMO SILOS FABRIC COLLECTOR		
C76	K-2 FEED SYSTEM BAGHOUSE		
FM04	# 2 OIL		
FM05	SCRAP TIRE STORAGE		
FM06	BITUMINOUS COAL & COKE		
FM07	GENERATOR FUEL STORAGE (#2 OIL)		

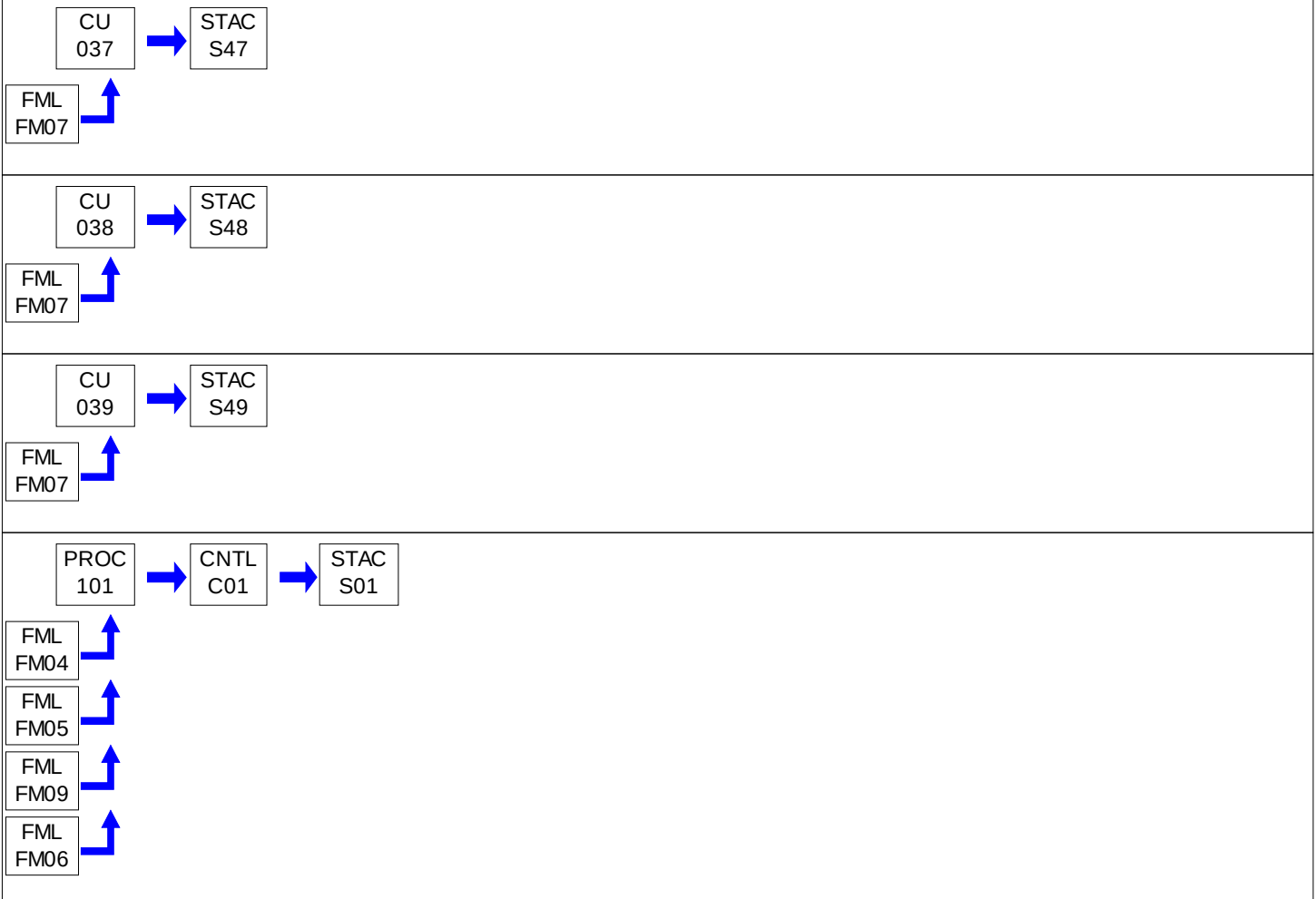
**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
FM08	#5 FUEL OIL		
FM09	SCRAP PLASTIC STORAGE		
FM10	NATURAL GAS MAIN		
S01	K-2 STACK		
S02	K-3 KILN STACK		
S04	K1/K2 CLK TOWER VENT		
S05	K2 COAL MILL VENT		
S06	K2 COOLER VENT		
S11	#2 FM OSEPA VENT		
S12	K3 COOLER VENT		
S13	K3 CLINKER TOWER VENT		
S14	K3 CLK TRNS VENT		
S15	#1 FINISH MILL VENT		
S16	#2 FINISH MILL VENT		
S17	#2 FINISH MILL AUX. VENT		
S170	FABRIC COLLECTOR STONE SILO 5/6 STACK		
S18	#1 RAW MILL VENT		
S19	#2 RAW MILL VENT		
S22	H5/H6 HOMO SILO VENT		
S23	K2 DUST RETURN SYS VENT		
S24	K3 COAL MILL VENT		
S25	IMPACTOR DC VENT		
S26	#1 FINISH MILL AUX VENT		
S28	#1 PH EAST DC VENT		
S31	B5 DUST COLLECTOR VENT		
S32	B6 DUST COLLECTOR VENT		
S33	B13/B14 DC VENT		
S36	PF BIN DC VENT		
S41	CLINKER STORAGE BLDG		
S42	BULK SILO LANE 1 FRONT		
S43	BULK SILO LANE 1 REAR		
S44	BULK SILO LANE 2 VENT		
S47	RANSOME GENERATOR EAST		
S48	RANSOME GENERATOR CENTER		
S49	RANSOME GENERATOR WEST		
S50	CLINKER SILO DC VENT		
S52	PACKHOUSE 4 STACK (EAST)		
S53	PACKHOUSE 1 STACK (WEST)		
S54	PACKHOUSE STACK 4 (WEST)		
S55	SILOS S10-S23		
S56	#1 FINISH MILL HES STACK		
S57	NOS. 2 & 6 LOADOUT SPOUTS COLLECTOR STACK		

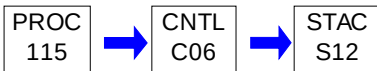
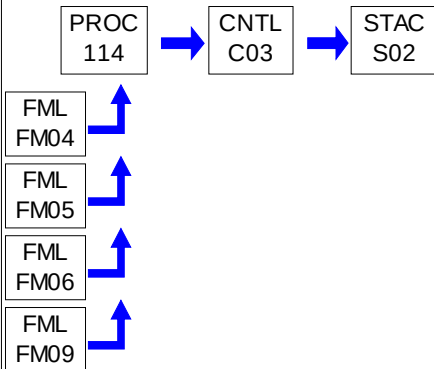
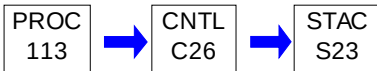
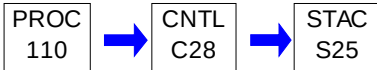
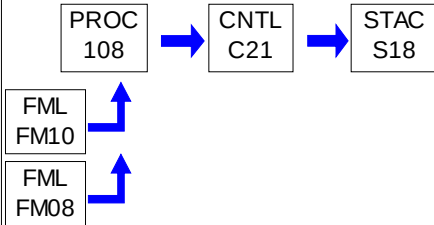
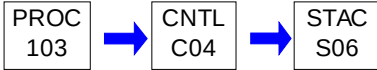
SECTION A. Plan Approval Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
S58	BULK SILO B-11 COLLECTOR VENT		
S60	STACK		
S61	CLINKER RECLAIM COLLECTOR 1 STACK		
S62	CLINKER RECLAIM COLLECTOR 2 STACK		
S63	CLINKER RECLAIM COLLECTOR 3 STACK		
S64	CLINKER RECLAIM COLLECTOR 4 STACK		
S65	CLINKER RECLAIM COLLECTOR 5 STACK		
S66	CLINKER RECLAIM COLLECTOR 6 STACK		
S67	CLINKER RECLAIM COLLECTOR 7 STACK		
S68	CLINKER RECLAIM COLLECTOR 8 STACK		
S69	CLINKER RECLAIM COLLECTOR 9 STACK		
S70	PEBBLE LIME SILO COLLECTOR STACK		
S71	RAW BELT 1 COLLECTOR STACK		
S75	H1-H4 HOMO SILOS COLLECTOR STACK		
S76	K-2 FEED SYSTEM BAGHOUSE STACK		
Z02	LAFARGE CORP/WHITEHALL PLT		

PERMIT MAPS



PERMIT MAPS



PERMIT MAPS

PROC 122 → CNTL C14 → STAC S11

PROC 123 → CNTL C15 → STAC S50

PROC 124 → CNTL C16 → STAC S13

PROC 125 → CNTL C17 → STAC S14

PROC 127 → CNTL C18 → STAC S15

PROC 128 → CNTL C19 → STAC S16

PROC 129 → CNTL C20 → STAC S17

PROC 132 → CNTL C47 → STAC S52

PROC 133 → CNTL C36 → STAC S33

PROC 135 → CNTL C25 → STAC S22

PROC 136 → CNTL C44 → STAC S43

PROC 137 → CNTL C29 → STAC S26

PROC 138 → CNTL C22 → STAC S19

FML FM08 →

FML FM10 →

PROC 139 → CNTL C41 → STAC S41

PERMIT MAPS

PROC 140 → CNTL C43 → STAC S42

PROC 141 → CNTL C45 → STAC S44

PROC 143 → CNTL C08 → STAC S05

PROC 144 → CNTL C27 → STAC S24

PROC 145 → CNTL C39 → STAC S36

PROC 146 → CNTL C76 → STAC S76

PROC 148 → CNTL C40 → STAC S54

PROC 149 → CNTL C48 → STAC S53

PROC 150 → CNTL C30 → STAC S28

PROC 151 → CNTL C50 → STAC S55

PROC 152 → CNTL C52 → STAC S57

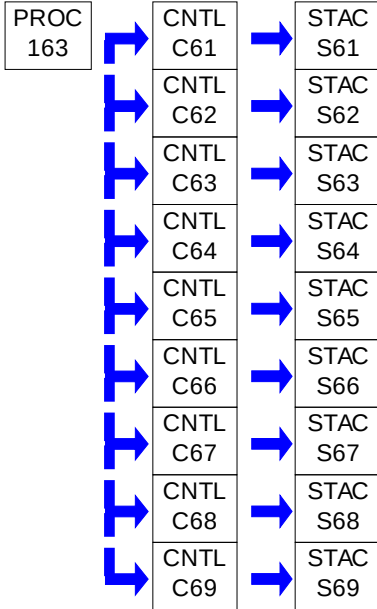
PROC 153 → CNTL C53 → STAC S58

PROC 154 → STAC Z02

PROC 155 → CNTL C55 → STAC S60

PROC 162 → CNTL C51 → STAC S56

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 15 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(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(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 § 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 §127.12b]

Plan approval terms and conditions.

(a) In accordance with the plantwide applicability (PAL) provisions of 40 CFR 52.21(aa) and 25 Pa. Code § 127.218(g), the permittee shall ensure that the emissions from the facility shall not exceed the limits established herein for the following pollutants in any twelve (12) consecutive months. Compliance with these PAL limits shall be determined within 30 days of the end of each month based on the prior 12 month period.

1. Particulate matter (PM) shall not exceed 193.15 tons per 12 month rolling sum.
2. Particulate matter less than 10 microns (PM10) shall not exceed 585.61 tons per 12 month rolling sum.
3. Particulate matter less than 2.5 microns (PM2.5) shall not exceed 523.09 tons per 12 month rolling sum.
4. Oxides of nitrogen (NOx) shall not exceed 810.31 tons per 12 month rolling sum.
5. Sulfur dioxide (SO2) shall not exceed 1,079.18 tons per 12 month rolling sum.
6. Volatile organic compounds (VOC) shall not exceed 92.90 tons per 12 month rolling sum.
7. Carbon monoxide (CO) shall not exceed 1,996.14 tons per 12 month rolling sum.
8. Lead (Pb) shall not exceed 0.91 tons per 12 month rolling sum.
9. Sulfuric acid (H2SO4) shall not exceed 7.0 tons per 12 month rolling sum.
10. Hydrogen fluoride (HF) shall not exceed 3.21 tons per 12 month rolling sum.

(b) The effective date of this PAL corresponds to the effective date on the cover page.

(c) In accordance with the plantwide applicability (PAL) provisions of 40 CFR 52.21(aa)(7)(iv) and 25 Pa. Code § 127.218(g)(4), emission calculations for compliance with this PAL shall include emissions from startups, shutdowns, and malfunctions.

(d) In accordance with the plantwide applicability (PAL) provisions of 40 CFR 52.21(aa)(4)(i)(d) and 25 Pa. Code § 127.218(c)(4), emission calculations for compliance with this PAL shall include fugitive emissions, to the extent quantifiable from all emissions units.

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

1. The company may be required to conduct source tests at any time or frequency as may be prescribed by the Department.
2. For the stack tests specified above, the tests shall be conducted in accordance with 25 Pa. Code Chapter 139 as per the Department's source testing procedures described in the latest Source Testing Manual of source testing procedures approved by the Department prior to testing. The stack test shall be performed while the aforementioned sources are operating at the maximum routine operating conditions. If testing is performed at a rate less than the maximum routine operating conditions, the operation is restricted to the process-input rate of testing at such level until a subsequent compliance test is performed at a maximum rated capacity.
3. At least sixty (60) calendar days prior to commencing an emission testing program required by this permit, a test protocol shall be submitted to the Department's Division of Source Testing and Monitoring and the Regional Office for review and approval. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

SECTION C. Site Level Plan Approval Requirements

4. At least fifteen (15) calendar days prior to commencing an emission testing program required by this permit, written notification of the date and time of testing shall be provided to the Department's appropriate Regional Office. Written notification shall also be sent to the Department's Bureau of Air Quality, Division of Source Testing and Monitoring. The notification shall not be made without prior receipt of a protocol acceptance letter from the Department. The Department is under no obligation to accept the results of any testing performed without adequate advance written notice to the Department of such testing. In addition, the emissions testing shall not commence prior to receipt of a protocol acceptance letter from the Department.
5. A complete test report shall be submitted to the Department no later than sixty (60) calendar days after completion of the on-site testing portion of an emission test program.
6. 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:
 - a. A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings;
 - b. Permit number(s) and condition(s) which are the basis for the evaluation;
 - c. Summary of results with respect to each applicable permit condition; and
 - d. Statement of compliance or non-compliance with each applicable permit condition.

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

1. The emission monitoring for this PAL permit shall be based on one or more of the following monitoring systems.
 - A. Mass balance calculations
 - (1) The owner or operator shall provide a demonstrated means for validating the published content of the PAL pollutant that is contained in or created by the materials used at the emissions unit.
 - (2) The owner or operator shall assume that the emission unit emits all of the PAL pollutant that is contained in or created by a raw material or fuel used in or at the emissions unit if it cannot otherwise be accounted of in the process.
 - (3) Where the vendor of a material or fuel, which is used in or at the emission unit, publishes a range of pollutant from such material, the owner or operator shall use the highest value of the range to calculate the PAL pollutant emissions unless the Department determines there is site specific data to support an alternative value within the published range.
 - (B) Continuous Emissions Monitors (CEM)
 - (1) Permittee shall maintain and operate each certified continuous emission monitoring system (CEMS) in accordance with the applicable provisions of 25 PA Code, Section 139.101 and the most current revision of the Department's publication "Continuous Source Monitoring Manual, 27-0300-001".
 - (C) Emission factors
 - (1) All emission factors shall be adjusted, if appropriate to account for the degree of uncertainty of limitations in the factor's development.
 - (2) The emission unit shall operate within the designated range of use for the emission factor, if applicable.
2. All emission calculations for PAL compliance purposes must include emissions associated with startup, shutdown, and malfunctions.

SECTION C. Site Level Plan Approval Requirements

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

In accordance with 40 C.F.R. 52.21(aa)(12) and 25 Pa. Code § 127.218(m)(5), Monitoring System for Emissions Units Added or Modified After PAL Issuance.

- a. The owner or operator shall monitor all PAL pollutant emissions from emissions units added or modified after issuance of this permit in accordance with the provisions of 40 C.F.R. 52.21(aa)(12) and 25 Pa. Code § 127.218(o)(2)(D)
- b. The monitoring system for emissions units added or modified after issuance of the PAL shall use one of the three monitoring approaches used for each of the other emission sources covered under this PAL In accordance with 40 C.F.R. 52.21(aa)(12) and 25 Pa. Code § 127.218(m)(5)

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Hours of Operation Data

1. If hours of operation data is monitored continuously and is missing or invalid (as determined through review of plant records), data shall be filled for each day of missing/invalid data. If less than 10 percent of days for a given month have missing data, the missing days shall be filled using the average of the days immediately preceding and following the missing period unless other data (i.e., fuel throughput) exists such that it is known the source was not operational. If 10 percent or more of days for a given month are missing data, the data shall be filled using the maximum daily hours of operation recorded during that month and the missing data will be reported as a deviation.
2. If hours of operation data is monitored without a CEMS and is missing, data shall be filled for a missing month of data with the maximum hours of operation in a month over the preceding 12-month period. The missing data will be reported as a deviation.

006 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

1. In accordance with the provision of 25 PA Code section 127.218 (m)(7), an owner or operator of a major facility using a CEMS to monitor PAL emissions shall meet the following requirements:
 - (i) The CEMS must comply with applicable performance specifications found in 40 CFR Part 60, Appendix B (relating to performance specifications).
 - (ii) The CEMS must sample, analyze and record data at least every 15 minutes while the emissions unit is operating.
2. In accordance with the provision of 25 PA Code section 127.218 (m)(8), an owner or operator of a major facility using a CPMS or PEMS to monitor PAL pollutant emissions shall meet the following requirements:
 - (i) The CPMS or PEMS must be calibrated based on current site-specific data demonstrating a correlation between the monitored parameters and the PAL pollutant emissions across the range of operation of the emissions unit.
 - (ii) Each CPMS or PEMS must sample, analyze and record data at least every 15 minutes or other less frequent interval approved in writing by the Department, while the emissions unit is operating.
3. In accordance with the provision of 25 PA Code section 127.218 (m)(9), an owner or operator of a major facility using emission factors to monitor PAL emissions shall:
 - (i) Adjust the emission factors to account for the degree of uncertainty or limitations in the development of the factors.
 - (ii) Operate the emissions unit within the designated range of use for the emission factor, if applicable.
 - (iii) Conduct validation testing to determine a site-specific emission factor within 6 months of PAL permit issuance, unless the Department determines, in writing, that testing is not required.
4. In accordance with the provision of 25 PA Code section 127.218 (m)(10), an owner or operator of a facility shall record and report maximum potential emissions without considering enforceable emissions limitations or operational restrictions for an emissions unit during a period of time that there is no monitoring data, unless another method for determining emissions during these periods is specified in the PAL permit.
5. In accordance with the provision of 25 PA Code section 127.218 (m)(11), if an owner or operator of an emissions unit cannot demonstrate a correlation between the monitored parameters and the PAL pollutant emissions rate at the operating points of the emissions unit, the Department will, at the time of permit issuance, either:

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- (i) Establish default values for determining compliance with the PAL permit based on the highest potential emissions reasonably estimated at the operating points.
- (ii) Determine that operation of the emissions unit during operating conditions when there is no correlation between monitored parameters and the PAL emissions is a violation of the PAL permit.

6. In accordance with the provision of 25 PA Code section 127.218 (m)(12), data used to establish the PAL must be revalidated through performance testing or other scientifically valid means approved in writing by the Department. This testing must occur at least once every 5 years after issuance of the PAL permit.

007 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Visual emission checks of each emission point subject to an opacity limit (excluding sources covered by an Opacity CEM, BLDS, or fired by natural gas) shall be conducted during periods of normal facility operation for a sufficient time interval to determine if the unit has visible emissions using 40 CFR 60 Appendix A, Method 22. If sources of visible emissions are identified during the survey, or at any other time, the permittee shall conduct a 40 CFR 60 Appendix A, Method 9 evaluation within one hour.

A Method 9 evaluation shall not be required if the visible emission condition is corrected in a timely manner and the units are operating at normal operating conditions. A record of each visible emission check required above shall be maintained on site for a period of no less than five (5) years. Said record shall include, but not be limited to, the date, time, name of emission unit, the applicable visible emissions requirement, the results of the check, what action(s), if any, was/were taken, and the name of the observer.

The permittee shall monitor visible emissions from sources subject to an opacity limit (excluding sources covered by an Opacity CEM, BLDS, or fired by natural gas) in accordance with the following procedures, test methods and frequencies:

(a) EPA Method 22 shall be used to determine visible emissions. EPA Method 9 shall be used to determine opacity. Prior notification and a pre-test plan are not required to be submitted for each test or survey conducted.

(b) The permittee shall use the following monitoring schedule for conducting the visible emissions tests required by this condition (unless the source is subject to a limitation on opacity under 40 CFR 63.1345, then you shall follow required opacity monitoring in accordance with the provisions of 40 CFR 63.1350(f)(1)(i) - (vii) :

- i. The initial monitoring frequency for performing visible emission tests is once per month.
- ii. If the tests conducted during six (6) consecutive months of operation show opacity within the applicable limits, the tests need only be done semiannually;
- iii. If the tests conducted during the semiannual test show opacity within the applicable limits, the tests need only be done once per year;
- iv. If an exceedance occurs, the tests for the exceeding monitoring point will start over with monthly checks according to the monitoring frequency table above.

IV. RECORDKEEPING REQUIREMENTS.

008 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

1. The permittee shall keep adequate records to show compliance with the PAL emission limits based on periodic performance testing or other valid means approved by the Department.
2. The owner or operator shall retain the records required under 25 Pa. Code § 127.218(n)(1) and 40 C.F.R. 52.21(aa)(13) on site. Such records may be retained in an electronic format. (40 C.F.R. 52.21(aa)(7)(viii))
3. The owner or operator shall retain a copy of all records necessary to determine compliance with the requirements of this PSD PAL permit as per 25 Pa. Code § 127.218(n)(1) and 40 C.F.R. 52.21(aa), including a determination of each emissions unit's 12-month rolling total emissions, for 5 years from the date of such record. (40 C.F.R. 52.21(aa)(13)(i))

009 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

For each month during the PAL effective period after the first 12 months of establishing the PAL, the owner or operator shall show that the sum of the monthly emissions from each emissions unit under the PAL for the previous 12 consecutive months is less than the PAL. For each month during the first 11 months from the PAL effective date, the owner or operator

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shall show that the sum of the preceding monthly emissions from the PAL effective date for each emissions unit under the PAL is less than the PAL.

010 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

In accordance with the NNSR plantwide applicability (PAL) provisions of 25 Pa. Code §§127.218(g) and (o), the permittee shall submit reports of deviations and exceedances of the PAL requirements.

011 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

All records, reports and analysis results generated in compliance with the requirements of any section of this permit shall be maintained in accordance with General Title V Requirement #022, Section (b), and shall be made available to the Department upon written or verbal request at a reasonable time.

012 [25 Pa. Code §127.218.]

PALs.

(1) The owner or operator shall retain a copy of the records necessary to determine compliance with a requirement of this PAL, including a determination of the 12-month rolling total emissions for each emissions unit, for 5 years.

(2) The owner or operator must retain a copy of the following records for the duration of the PAL effective period and 5 years after the PAL permit expires:

(i) A copy of the PAL permit application and applications for revisions to the PAL permit.

(ii) Each annual certification of compliance required under Title V of the Clean Air Act (42 U.S.C.A. §§ 7661--7661f) and regulations adopted under the act and the data relied on in certifying the compliance.

V. REPORTING REQUIREMENTS.

013 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The company, within one hour of occurrence, shall notify the Department, at 610-861-2070, of any malfunction, recordkeeping and reporting errors, or other possible non-compliance issues, which result in, or may possibly be resulting in, the emission of air contaminants in excess of the limitations specified in this PAL permit, or established pursuant to, any applicable rule or regulations contained in Article III of the Rules and Regulations of the Department of Environmental Protection.

A written report shall be submitted to the Department within five working days following the incident describing the malfunction, recordkeeping and reporting error or other non-compliance issue and the corrective actions being taken. The Department may take enforcement action for any violations of the applicable standards.

014 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Authority for this condition is in accordance with 25 Pa. Code § 127.218(o):

a. The owner or operator shall submit the reports required under this section and 40 C.F.R. 52.21(aa)(14) by the required deadlines. (40 C.F.R. 52.21(aa)(7)(ix))

b. The owner or operator shall submit semi-annual monitoring reports and prompt deviation reports to the Department in accordance with the title V operating permit. The reports shall meet the requirements in paragraphs (i) through (iii) of this subsection. (40 C.F.R. 52.21(aa)(14))

i. The semi-annual report shall be submitted to the Department by January 31 and August 1 of each year. The January 31 report shall be for the previous calendar year, and the August 1 report shall be for period of January 1 to June 30 of the current calendar year. The report shall contain the information required in subparagraphs (A) through (G) of this paragraph.

A. The identification of owner and operator and the permit number.

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B. Total annual emissions (tons/year) based on a 12-month rolling total for each month in the reporting period recorded pursuant to subsection 6(b) of this permit and 40 C.F.R. 52.21(aa)(13)(i).

C. All data relied upon, including, but not limited to, any Quality Assurance or Quality Control data, in calculating the monthly and annual PSD PAL pollutant emissions.

D. A list of new emissions units and modified emissions units that have become operational during the reporting period and a description of the monitoring method used to demonstrate compliance with the PAL limits, including the emissions factors used (if applicable), emissions calculations method, and monitoring frequency. The monitoring method must meet the requirements of this plan approval.

E. The number, duration, and cause of any deviations or monitoring malfunctions (other than the time associated with zero and span calibration checks), and any corrective action taken.

F. A notification of a shutdown of any monitoring system, whether the shutdown was permanent or temporary, the reason for the shutdown, the anticipated date that the monitoring system will be fully operational or replaced with another monitoring system, and whether the emissions unit monitored by the monitoring system continued to operate, and the calculation of the emissions of the pollutant or the number determined by methods included in this permit, as provided by 40 C.F.R. 52.21(aa)(12)(vi).

G. A signed statement by the responsible official (as defined by the applicable title V operating permit program) certifying the truth, accuracy, and completeness of the information provided in the report.

ii. The owner or operator shall promptly submit reports of any deviations or exceedance of the PSD PAL requirements, including periods where no monitoring is available as indicated in this plan approval, in accordance with the reporting requirements of the Title V permit. The reports shall contain the following information

A. The identification of owner and operator and the permit number;

B. The PSD PAL requirement that experienced the deviation or that was exceeded;

C. Emissions resulting from the deviation or the exceedance; and

D. A signed statement by the responsible official certifying the truth, accuracy, and completeness of the information provided in the report.

iii. The owner or operator shall submit to the Department the results of any re-validation test or method within 60 days of completion of such test or method.

015 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

1. Pursuant to the requirements of 40 C.F.R. 52.21(aa)(12)(vi), the company must record and report maximum potential emissions without considering enforceable emission limitations or operational restrictions for an emissions unit during any period of time that there is no monitoring data, unless another method for determining emissions during such periods is specified in this permit.

2. The company shall report unauthorized, accidental or emergency releases of air pollutants; malfunctions of equipment, the maintenance of which is necessary to meet plan approval requirements or emission limitations; instances of exceeding permit terms or conditions or regulatory requirements found during routine plant maintenance, whether or not the Department is aware of the situation; instances of exceeding permit terms or conditions or regulatory requirements recorded by continuous monitoring equipment; or other departures from the requirements of the act, regulations adopted under the act, terms or conditions of operating permits or plan approvals, or Department orders within one (1) hour of having knowledge of the occurrence of such an event. The reporting of such an event shall include the probable cause of the event(s) and corrective actions or preventive measures taken in order to address the event(s). A written report describing the event and the preventative or corrective actions taken to address the event shall be submitted to the Department within five (5) working days following the event. The Department may take enforcement action for any violations

SECTION C. Site Level Plan Approval Requirements

of the applicable provisions of the Air Pollution Control Act, regulations adopted under the Act, terms or conditions of operating permits or plan approvals and Department orders . This reporting requirement in no way supercedes or eliminates any other applicable federal or state reporting requirements..

3. Any changes in the location of the aforementioned source, or any changes in the process or control equipment would be considered a modification and would require the submittal of an amended application for plan approval in accordance with the provisions of 25 Pa. Code 127.11 and 127.12.

4. Any deviation shall be reported as per the requirements of 40 CFR 52.21(14)(ii).

5. The company shall submit to the Department the results of any revalidation test or method within 60 days after completion of such test or method. [Compliance with this condition assures compliance with the requirement of 40 CFR 52.21(14)(iii)]

6. Any notification as a result of any condition herein should be directed to:

Mark J Wejkszner, P.E
Air Quality Program Manager
Department of Environmental Protection
2 Public Square
Wilkes-Barre, PA 18701-1915

016 [25 Pa. Code §127.218.]

PALs.

(1) The owner or operator of a major facility shall submit semiannual monitoring reports and prompt deviation reports to the Department in accordance with the Title V operating permit requirements of Subchapters F and G (relating to operating permit requirements; and Title V operating permits).

(2) The semiannual reports must:

(i) Be submitted to the Department within 30 days of the end of each reporting period.

(ii) Contain the following information:

(A) The identification of the owner and operator and the permit number.

(B) Total annual emissions in TPY based on a 12-month rolling total for each month in the reporting period recorded in compliance with subsection (n)(1).

(C) Data relied upon, including the quality assurance or quality control data, in calculating the monthly and annual PAL pollutant emissions.

(D) A list of the emissions units modified or added to the major facility during the preceding 6-month period.

(E) The number, duration and cause of deviations or monitoring malfunctions, other than the time associated with zero and span calibration checks, and the corrective action taken.

(F) A notification of a shutdown of a monitoring system, whether the shutdown was permanent or temporary, the reason for the shutdown, the anticipated date that the monitoring system will be fully operational or replaced with another monitoring system, whether the emissions unit monitored by the monitoring system continued to operate, and the calculation of the emissions of the pollutant or the number determined by the method included in the permit under subsection (m)(10).

(G) A statement signed by a responsible official of the company that owns or operates the facility certifying the truth, accuracy and completeness of the information provided in the report.

(3) The reports of deviations and exceedances of the PAL requirements, including periods in which no monitoring is

SECTION C. Site Level Plan Approval Requirements

available, must:

- (i) Be submitted to the Department promptly. A report submitted under Subchapter G satisfies this reporting requirement.
- (ii) Contain the following information:
 - (A) The identification of the owner and operator and the permit number.
 - (B) The PAL requirement that experienced the deviation or that was exceeded.
 - (C) Emissions resulting from the deviation or the exceedance.
 - (D) A statement signed by a responsible official of the company that owns or operates the facility certifying the truth, accuracy and completeness of the information provided in the report.
- (4) The owner or operator of a major facility shall submit to the Department the results of any revalidation test or method within 60 days after completion of the test or method.

VI. WORK PRACTICE REQUIREMENTS.

017 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Company shall not construct new stationary sources, modify existing stationary sources, or operate existing stationary sources such that any PAL emission limits are exceeded.

VII. ADDITIONAL REQUIREMENTS.

018 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

At no time during or after the PAL effective period are emissions reductions of a PAL pollutant, which occur during the PAL effective period, creditable as decreases for purposes of offsets under this subchapter unless the level of the PAL is reduced by the amount of the emissions reductions and the reductions would be creditable in the absence of the PAL.

019 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

1. This PAL may be renewed as per PA Code 127.218 (g)(3).
2. Upon expiration of this PAL permit the facility is subject to PA Code 127.218(j).
3. The facility must submit reports required under PA Code 127.218 (o).

020 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Any physical change or change in the method of operation at the facility will not be a major modification for PM, PM₁₀, PM_{2.5}, NO_x, SO₂, VOC, CO, Pb, H₂SO₄, and HF so long as the owner or operator maintains its total source-wide emissions below the PAL limits established in Condition #001 of Section C.

a. The owner or operator must continue to comply with all other applicable Federal and state requirements, emission limitations, and work practice standards, including any obligation to obtain permits prior to constructing, modifying and operating any emissions unit.

021 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

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.

SECTION C. Site Level Plan Approval Requirements

022 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Except for the permit reopening for the correction of typographical/calculation errors that do not increase the PSD PAL levels, all other reopenings shall be carried out in accordance with the public participation requirements of 40 C.F.R. 52.21(aa)(5) (40 C.F.R 52.21(aa)(8)(c)) and 25 Pa. Code §127.218(e);

023 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Department shall have discretion to reopen the PSD PAL permit for the following:

A. Reduce the PSD PALs to reflect newly applicable Federal requirements with compliance dates after the PSD PALs effective date (40 C.F.R 52.21(aa)(8)(b)(1))and 25 Pa. Code §127.218(i));

B. Reduce the PSD PALs consistent with any other requirement, that is enforceable as a practical matter, and that the Department may impose on the facility under the State Implementation Plan (40 C.F.R 52.21(aa)(8)(b)(2) and 25 Pa. Code §127.218(i)) and

C. Reduce the PSD PALs if the Department determines that a reduction is necessary to avoid causing or contributing to a NAAQS or PSD increment violation, or to an adverse impact on an air quality related value that has been identified for a Federal Class I area by a Federal Land Manager and for which information is available to the general public (40 C.F.R 52.21(aa)(8)(b)(3) and 25 Pa. Code §127.218(e)).

024 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

During the PAL effective period, the Department must reopen the PAL permit to:

i. Correct typographical/calculation errors made in setting the PAL or reflect a more accurate determination of emissions used to establish the PSD PALs. (40 C.F.R 52.21(aa)(8)(ii)(a)(1)) & 25 Pa. Code §127.218(i); and

ii. Reduce the PSD PALs if the owner or operator creates creditable emissions reductions for use as offsets under an approved non-attainment NSR program (40 C.F.R 52.21(aa)(8)(ii)(a)(2)); and 25 Pa. Code §127.218(i) and

iii. Revise the PSD PALs to reflect an increase in the PSD PALs if the Department decides to increase the PSD PALs as provided under 40 C.F.R. 52.21(aa)(11) and 25 Pa. Code §127.218(l).

A. The owner or operator shall submit a complete application to request an increase in the PSD PALs limits for a PSD PALs major modification. Such application shall identify the emissions unit(s) contributing to the increase in emissions so as to cause the source's emissions to equal or exceed the PSD PALs.

B. As part of the application, the owner or operator shall demonstrate that the sum of the baseline actual emissions of the small emissions units, plus the sum of the baseline actual emissions of the significant and major emissions units assuming application of BACT equivalent controls, plus the sum of the allowable emissions of the new or modified emissions unit(s) exceeds the PSD PALs. The level of control that would result from BACT equivalent controls on each significant or major emissions unit shall be determined by conducting a new BACT analysis at the time the application is submitted, unless the emissions unit is currently required to comply with a BACT or LAER requirement that was established within the preceding 10 years. In such a case, the assumed control level for that emissions unit shall be equal to the level of BACT or LAER with which that emissions unit must currently comply.

C. The owner or operator shall obtain a major NSR permit for all emissions unit(s), regardless of the magnitude of the emissions increase resulting from them (that is, no significant levels apply). These emissions unit(s) shall comply with any emissions requirements resulting from the major NSR process, even though they have also become subject to the PAL or continue to be subject to the PAL.

D. The increased PAL level shall be effective on the day any emissions unit that is part of the PAL major modification becomes operational and begins to emit the pollutant.

SECTION C. Site Level Plan Approval Requirements

025 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) In accordance with the NNSR plantwide applicability (PAL) provisions of 25 Pa. Code §127.218(g), if the permittee applies to renew the PAL in accordance with 25 Pa. Code §127.218(k) before the end of the PAL effective period, the PAL permit does not expire at the end of the PAL effective period. The PAL permit remains in effect until the Department issues a revised PAL permit.

(b) In accordance with the NNSR plantwide applicability (PAL) provisions of 25 Pa. Code §127.218(g), upon expiration of the PAL permit, the permittee is subject to the requirements of 25 Pa. Code §127.218(j).

026 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

If the PSD PAL authorized by this permit is not renewed in accordance with the procedures in this plan approval and 40 C.F.R. 52.21(aa)(10), the PSD PAL shall expire at the end of the PSD PAL effective period and the requirements in 25 Pa. Code § 127.218(j)(1) through (5) and 40 C.F.R 52.21(aa)(9)(i) through (v) shall apply.

027 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

In accordance with the NNSR plantwide applicability (PAL) provisions of 25 Pa. Code §127.218(g), the emissions from a new source that requires a plan approval shall be the minimum attainable through the use of Best Available Technology. A physical change or change in the method of operation of an existing emissions unit will not be subject to BAT requirements unless the emissions unit is modified so that the fixed capital cost of new components exceeds 50% of the fixed capital cost that would be required to construct an entirely new emissions unit.

028 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Pursuant 25 Pa. Code § 127.218(h), 40 C.F.R. 52.21(aa)(4)(i)(f), and 40 C.F.R. 52.21(aa)(8)(i)) the PSD PAL effective period will expire ten years after the effective date shown on the title/cover page of Plan Approval 39-309-079.

029 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The owner or operator must continue to comply with all other applicable Federal and State requirements, emission limitations, and work practice standards, including any obligation to obtain permits prior to constructing, modifying and operating any emissions unit.

030 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Any physical change or change in the method of operation at the facility will not be a major modification and will not have to be approved under 40 C.F.R 52.21 and is not subject to the provisions 40 C.F.R. 52.21(r)(4) (restrictions on relaxing enforceable emission limitations that the major stationary source used to avoid applicability of the major NSR program), so long as the owner or operator maintains its total source-wide emissions of below the PSD PAL limits established.

031 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The company shall not impose conditions upon or otherwise restrict the Department's access to the aforementioned source(s) and/or any associated air cleaning device(s) and shall allow the Department to have access at any time to said source(s) and associated air cleaning device(s) 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.

032 [25 Pa. Code §127.218.]

PALs.

(a) The following provisions govern this PSD PAL.

(1) A physical change in or change in the method of operation of a major facility that maintains its total facility-wide emissions below the PAL level, meets the requirements in this subsection and subsections below and complies with the PAL permit is not:

SECTION C. Site Level Plan Approval Requirements

- (i) A major modification for the PAL pollutant.
 - (ii) Subject to this subchapter.
 - (iii) Subject to § 127.203(e)(2) (relating to facilities subject to special permit requirements).
- (b) The following requirements apply to reopening of the PAL permit:
- (1) During the PAL effective period, the Department will reopen the PAL permit to:
 - (i) Correct typographical/calculation errors made in setting the PAL or reflect a more accurate determination of emissions used to establish the PAL.
 - (ii) Reduce the PAL if the owner or operator of the major facility creates creditable emissions reductions for use as offsets under § 127.207 (relating to creditable emissions decrease or ERC generation or creation).
 - (iii) Revise the PAL to reflect an increase in the PAL as provided under subsection (l).
 - (2) The Department may reopen the PAL permit to reduce the PAL:
 - (i) To reflect newly applicable Federal requirements with compliance dates after the PAL effective date.
 - (ii) Consistent with a requirement that is enforceable as a practical matter and that the Department may impose on the major facility consistent with all applicable requirements.
 - (iii) If the Department determines that a reduction is necessary to avoid causing or contributing to:
 - (A) A NAAQS or PSD increment violation.
 - (B) An adverse impact on an air quality related value that has been identified for a Federal Class I area by a Federal land manager and for which information is available to the general public.
 - (3) Except for the permit reopening paragraph (1)(i) for the correction of typographical/calculation errors that do not increase the PAL level, other reopening shall be carried out in accordance with the public participation requirements of subsection (e).
- (c) A PAL permit which is not renewed in accordance with the procedures in subsection (e) expires at the end of the PAL effective period and the following requirements apply:
- (1) The owner or operator of each emissions unit or each group of emissions units that existed under the PAL shall comply with an allowable emissions limitation under a revised permit established according to the following procedures:
 - (i) Within the time frame specified for PAL permit renewals in subsection (e)(2), the owner or operator of the major facility shall submit a proposed allowable emissions limitation for each emissions unit, or each group of emissions units if this distribution of allowable emissions is more appropriate as determined by the Department, by distributing the PAL allowable emissions for the major facility among each of the emissions units that existed under the PAL permit. If the PAL permit has not been adjusted for an applicable requirement that became effective during the PAL effective period, as required under subsection (e)(5), this distribution is made as if the PAL permit has been adjusted.
 - (ii) The Department will decide whether and how to distribute the PAL allowable emissions and issue a revised PAL permit incorporating allowable limits for each emissions unit or each group of emissions units.
 - (2) The owner or operator of each emissions unit or group of emissions units shall comply with the allowable emissions limitation on a 12-month rolling basis. The Department may approve the use of emissions monitoring systems other than CEMS, CERMS, PEMS or CPMS to demonstrate compliance with the allowable emissions limitation.

SECTION C. Site Level Plan Approval Requirements

(3) Until the Department issues the revised PAL permit incorporating the allowable limits for each emissions unit or group of emissions units required under paragraph (1)(i), the owner or operator of the facility shall continue to comply with a facility-wide, multi-unit emissions cap equivalent to the level of the PAL emissions limitation.

(4) A physical change or change in the method of operation at the major facility is subject to this subchapter if the change meets the definition of major modification.

(5) The owner or operator of the major facility shall continue to comply with any State or Federal applicable requirements including BAT, BACT, RACT or NSPS that may have applied either during the PAL effective period or prior to the PAL effective period except for those emissions limitations that had been established under § 127.203(e)(2), but were eliminated by the PAL in accordance with the provisions in subsection (a)(3)(iii).

(d) The following requirements apply to renewal of a PAL:

(1) The Department will follow the procedures specified in subsection (e) in approving a request to renew a PAL permit for a major facility, and will provide both the proposed PAL level and a written rationale for the proposed PAL level to the public for review and comment in accordance with the applicable public notice requirements in §§ 127.44, 127.424 and 127.521. During the public review, a person may propose a PAL level for the major facility for consideration by the Department.

(2) An owner or operator of a major facility shall submit a timely application to the Department to request renewal of a PAL permit. A timely application is one that is submitted at least 6 months prior to, but not earlier than 18 months prior to the date of permit expiration. If the owner or operator of a major facility submits a complete application to renew the PAL permit within this time period, the PAL continues to be effective until the revised permit with the renewed PAL is issued.

(3) The application to renew a PAL permit must contain the following information:

(i) The information required in subsection (b)(1)--(3).

(ii) A proposed PAL level.

(iii) The sum of the potentials to emit of the emissions units under the PAL.

(iv) Other information the owner or operator wishes the Department to consider in determining the appropriate level at which to renew the PAL.

(4) The Department will consider the options in subparagraphs (i) and (ii) in determining whether and how to adjust the PAL. In no case may the adjustment fail to comply with subparagraphs (iii) and (iv).

(i) If the emissions level calculated in accordance with subsection (f) is equal to or greater than 80% of the PAL level, the Department may renew the PAL at the same level without considering the factors set forth in subparagraph (ii).

(ii) The Department may set the PAL at a level that it determines to be more representative of the facility's baseline actual emissions or that it determines to be appropriate considering air quality needs, advances in control technology, anticipated economic growth in the area, desire to reward or encourage the facility's voluntary emissions reductions or other factors specifically identified by the Department in its written rationale.

(iii) If the potential to emit of the major facility is less than the PAL, the Department will adjust the PAL to a level no greater than the potential to emit of the facility.

(iv) The Department will not approve a renewed PAL level higher than the current PAL unless the major facility has complied with subsection (l).

(5) If the compliance date for a State or Federal requirement that applies to the facility occurs during the PAL effective period and the Department has not already adjusted for this requirement, the PAL must be adjusted at the time of the PAL permit renewal or Title V permit renewal, whichever occurs first.

SECTION C. Site Level Plan Approval Requirements

(e) The following requirements apply to increasing a PAL during the PAL effective period:

(1) The Department may increase a PAL emissions limitation during the PAL effective period if the owner or operator of the major facility complies with the following:

(i) The owner or operator of the major facility shall submit a complete application to request an increase in the PAL limit for a PAL major modification. The application must identify the emissions units contributing to the increase in emissions that cause the major facility's emissions to equal or exceed its PAL.

(ii) The owner or operator of the major facility shall demonstrate that the sum of the baseline actual emissions of the small emissions units assuming application of BAT, plus the sum of the baseline actual emissions of the significant and major emissions units assuming application of BACT equivalent controls, plus the sum of the allowable emissions of the new or modified emissions units exceeds the PAL. The level of control that would result from BAT or BACT equivalent controls on each small emissions unit, significant emissions unit or major emissions unit must be determined by conducting a new BAT or BACT analysis at the time the application is submitted unless the emissions unit is currently required to comply with a BAT, BACT or LAER requirement that was established within the preceding 10 years. In this case, the assumed control level for that emissions unit is equal to the level of BAT, BACT or LAER with which that emissions unit must currently comply.

(iii) The owner or operator of the major facility shall obtain a major NSR permit for all emissions units identified in subparagraph (i), regardless of the magnitude of the emissions increase resulting from them. The owner or operator of these emissions units shall comply with the applicable emissions requirements of this subchapter, even if the units are subject to a PAL or continue to be subject to a PAL.

(iv) The PAL permit must require that the increased PAL level be effective on the day any emissions unit that is part of the PAL major modification becomes operational and begins to emit the PAL pollutant.

(2) The Department will calculate the new PAL as the sum of the allowable emissions for each modified or new emissions unit, plus the sum of the baseline actual emissions of the significant and major emissions units assuming application of BACT equivalent controls determined in accordance with paragraph (1)(ii), plus the sum of the baseline actual emissions of the small emissions units.

(3) The PAL permit must be revised to reflect the increased PAL level under the public notice requirements of subsection (e).

(f) The following monitoring requirements apply to an owner or operator subject to a PAL:

(1) Each PAL permit must contain enforceable requirements for the monitoring system to accurately determine plantwide emissions of the PAL pollutant in terms of mass per unit of time.

(2) The PAL monitoring system must employ one or more of the four general monitoring approaches meeting the minimum requirements in paragraph (5) and must be approved in writing by the Department.

(3) The owner or operator of the facility may also use an alternative monitoring approach that meets the requirements of paragraph (1), if approved in writing by the Department.

(4) Failure to use a monitoring system that meets the requirements of this section renders the PAL permit invalid.

(5) The following are acceptable general monitoring approaches when conducted in accordance with the minimum requirements in paragraphs (6)--(9):

(i) Mass balance calculations for activities using coatings or solvents.

(ii) CEMS.

(iii) CPMS or PEMS.

SECTION C. Site Level Plan Approval Requirements

(iv) Emission factors.

(6) An owner or operator of a major facility using a CEMS to monitor PAL pollutant emissions shall meet the following requirements:

(i) The CEMS must comply with applicable performance specifications found in 40 CFR Part 60, Appendix B (relating to performance specifications).

(ii) The CEMS must sample, analyze and record data at least every 15 minutes while the emissions unit is operating.

(7) An owner or operator of a major facility using emission factors to monitor PAL pollutant emissions shall:

(i) Adjust the emission factors to account for the degree of uncertainty or limitations in the development of the factors.

(ii) Operate the emissions unit within the designated range of use for the emission factor, if applicable.

(iii) Conduct validation testing to determine a site-specific emission factor within 6 months of PAL permit issuance, unless the Department determines, in writing, that testing is not required.

(8) An owner or operator of a facility shall record and report maximum potential emissions without considering enforceable emissions limitations or operational restrictions for an emissions unit during a period of time that there is no monitoring data, unless another method for determining emissions during these periods is specified in the PAL permit.

(9) Data used to establish the PAL must be revalidated through performance testing or other scientifically valid means approved in writing by the Department. This testing must occur at least once every 5 years after issuance of the PAL permit.

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: 037

Source Name: RANSOME GENERATOR (EAST)

Source Capacity/Throughput: 17.100 MMBTU/HR
131.000 Gal/HR #2 Oil

Conditions for this source occur in the following groups: 10
11
12
13
14
15



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

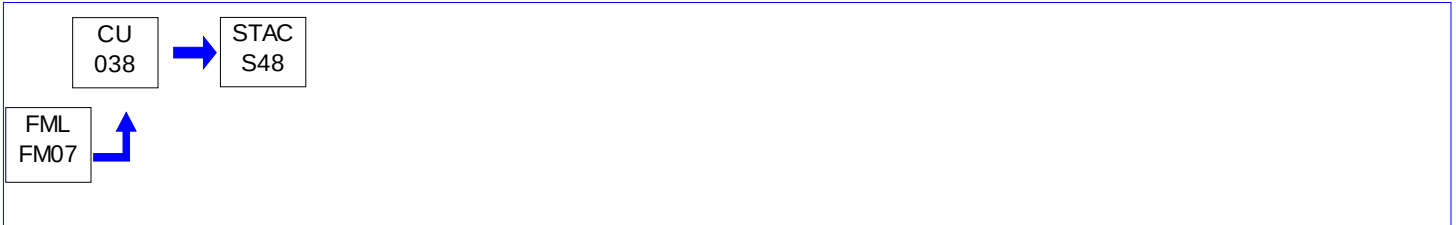
SECTION D. Source Level Plan Approval Requirements

Source ID: 038

Source Name: RANSOME GENERATOR (CENTER)

Source Capacity/Throughput: 17.100 MMBTU/HR
131.000 Gal/HR #2 Oil

Conditions for this source occur in the following groups: 10
11
12
13
14
15



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

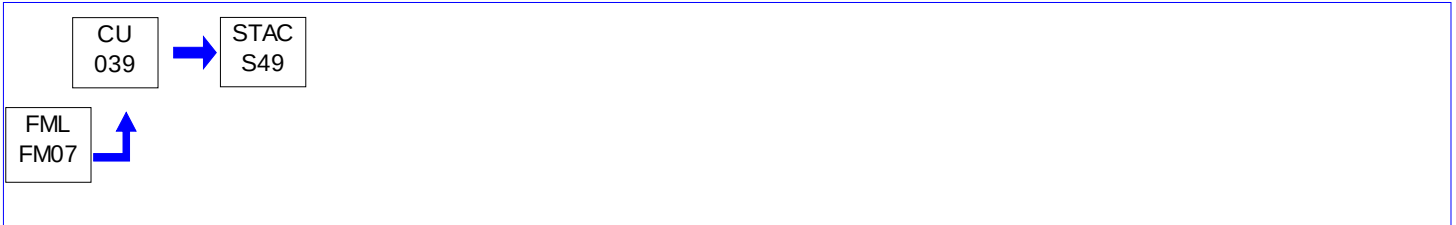
SECTION D. Source Level Plan Approval Requirements

Source ID: 039

Source Name: RANSOME GENERATOR (WEST)

Source Capacity/Throughput: 17.100 MMBTU/HR
131.000 Gal/HR #2 Oil

Conditions for this source occur in the following groups: 10
11
12
13
14
15



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

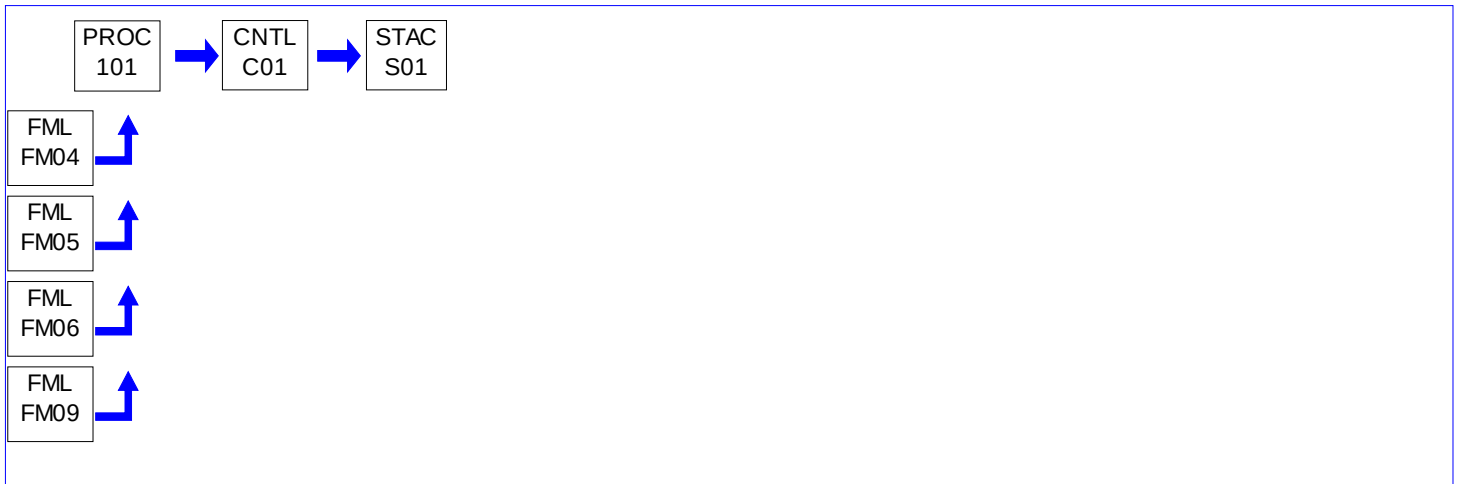
SECTION D. Source Level Plan Approval Requirements

Source ID: 101

Source Name: K-2 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM

Source Capacity/Throughput:	1,000.000 Gal/HR	#2 Oil
	75.000 Tons/HR	CLINKER
	10.000 Tons/HR	Bituminous
	3.000 Tons/HR	TDF

Conditions for this source occur in the following groups: 10
11
12
13
14
15
16



I. RESTRICTIONS.

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II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

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) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 103

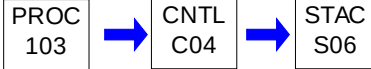
Source Name: K-2 COOLER

Source Capacity/Throughput:

70.000 Tons/HR

CLINKER

Conditions for this source occur in the following groups: 10

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 105

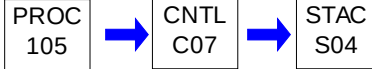
Source Name: K-2 CLINKER TOWER

Source Capacity/Throughput:

80.000 Tons/HR

CLINKER

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 106

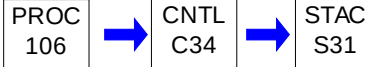
Source Name: BULK SILOS (B-5 D.C.)

Source Capacity/Throughput:

200.000 Tons/HR

CEMENT

Conditions for this source occur in the following groups: 10

**I. RESTRICTIONS.**

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II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 107

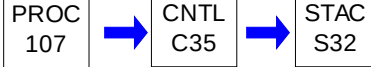
Source Name: BULK SILO GROUP (B-6 D.C.)

Source Capacity/Throughput:

200.000 Tons/HR

CEMENT

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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II. TESTING REQUIREMENTS.

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III. MONITORING REQUIREMENTS.

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IV. RECORDKEEPING REQUIREMENTS.

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V. REPORTING REQUIREMENTS.

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VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 108

Source Name: #1 RAW GRINDING MILL

Source Capacity/Throughput:	50.000 Gal/HR	#5 Oil
	180.000 Tons/HR	CEMENT ROCK

Conditions for this source occur in the following groups: 10
11
12
13
14



I. RESTRICTIONS.

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II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

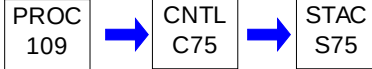
SECTION D. Source Level Plan Approval Requirements

Source ID: 109

Source Name: H1/H2 HOMO SILO

Source Capacity/Throughput: 220.000 Tons/HR CEMENT ROCK

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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IV. RECORDKEEPING REQUIREMENTS.

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V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

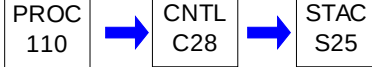
SECTION D. Source Level Plan Approval Requirements

Source ID: 110

Source Name: QUARRY IMPACTOR

Source Capacity/Throughput: 750.000 Tons/HR CEMENT ROCK

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 112

Source Name: H3/H4 HOMO SILO

Source Capacity/Throughput:

220.000 Tons/HR

CEMENT ROCK

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

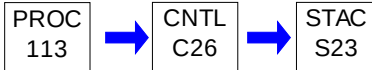
SECTION D. Source Level Plan Approval Requirements

Source ID: 113

Source Name: K-2 DUST RETURN SYSTEM

Source Capacity/Throughput: 180.000 Tons/HR CEMENT DUST

Conditions for this source occur in the following groups: 10

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

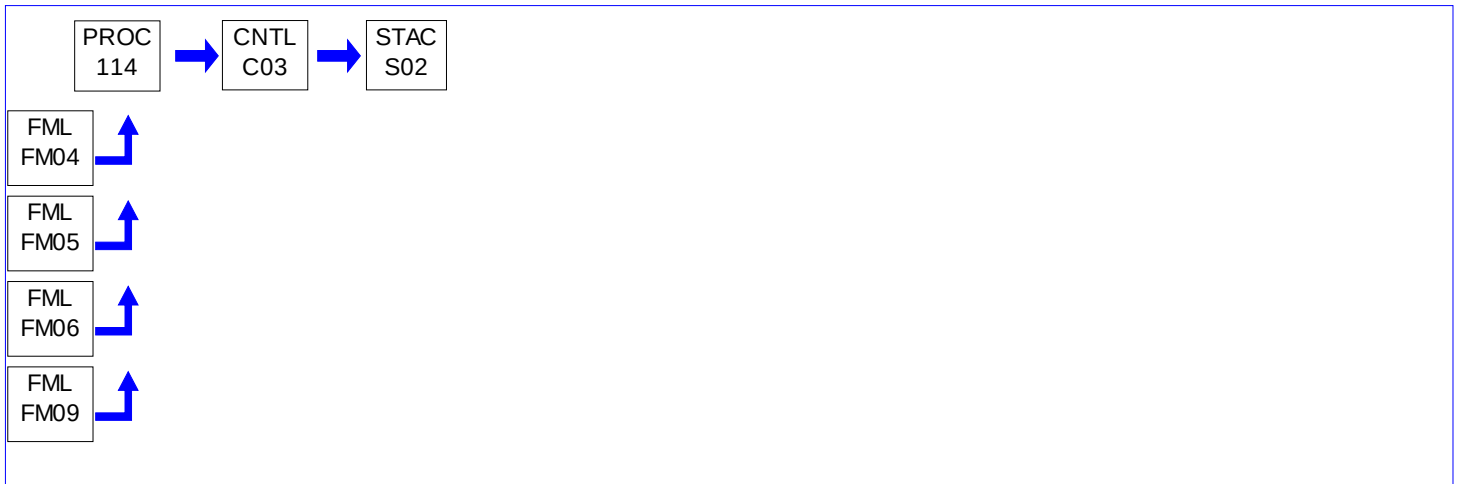
SECTION D. Source Level Plan Approval Requirements

Source ID: 114

Source Name: K-3 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM

Source Capacity/Throughput:	2.000 Tons/HR	TDF
	50.000 Tons/HR	Bituminous
	50.000 Tons/HR	CLINKER
	180.000 Gal/HR	#2 Oil

Conditions for this source occur in the following groups: 10
11
12
13
14
15
16



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

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) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 115

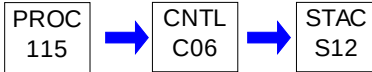
Source Name: K-3 COOLER

Source Capacity/Throughput:

50.000 Tons/HR

CLINKER

Conditions for this source occur in the following groups: 10

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 122

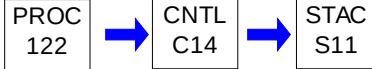
Source Name: #2 FINISH MILL OSEPA

Source Capacity/Throughput:

90.000 Tons/HR

CEMENT

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

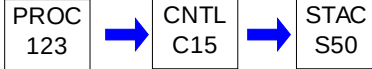
SECTION D. Source Level Plan Approval Requirements

Source ID: 123

Source Name: CLINKER SILOS GROUP COLLECTOR

Source Capacity/Throughput: 125.000 Tons/HR CLINKER

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 124

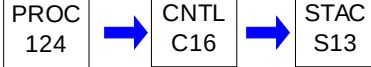
Source Name: K-3 CLINKER TOWER

Source Capacity/Throughput:

60.000 Tons/HR

CLINKER

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

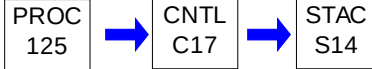
SECTION D. Source Level Plan Approval Requirements

Source ID: 125

Source Name: K-3 CLINKER TRANSFER TOWER

Source Capacity/Throughput: 100.000 Tons/HR CLINKER

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 127

Source Name: #1 FINISH GRINDING MILL

Source Capacity/Throughput:

70.000 Tons/HR

CEMENT

Conditions for this source occur in the following groups: 10

11

15



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

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

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V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 128

Source Name: #2 FINISH GRINDING MILL

Source Capacity/Throughput:

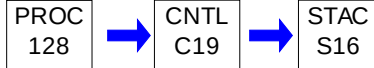
90.000 Tons/HR

CEMENT

Conditions for this source occur in the following groups: 10

11

15



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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IV. RECORDKEEPING REQUIREMENTS.

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V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 129

Source Name: #2 FINISH MILL AUXILIARIES

Source Capacity/Throughput:

90.000 Tons/HR

CEMENT

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 132

Source Name: PACKHOUSE 4 (EAST)

Source Capacity/Throughput:

400.000 Tons/HR

CEMENT

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 133

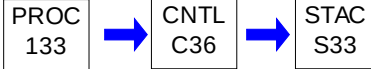
Source Name: B-13 & B-14 BULK SILOS

Source Capacity/Throughput:

200.000 Tons/HR

CEMENT

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

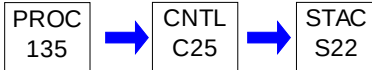
SECTION D. Source Level Plan Approval Requirements

Source ID: 135

Source Name: H5/H6 HOMO SILO

Source Capacity/Throughput: 220.000 Tons/HR CEMENT ROCK

Conditions for this source occur in the following groups: 10

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

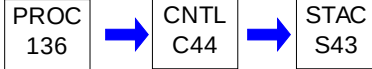
SECTION D. Source Level Plan Approval Requirements

Source ID: 136

Source Name: BULK SILOS LANE 1 REAR SPOUT

Source Capacity/Throughput: 360.000 Tons/HR

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

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V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 137

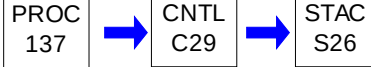
Source Name: FINISH MILL 1 AUXILLARIES

Source Capacity/Throughput:

70.000 Tons/HR

CEMENT

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

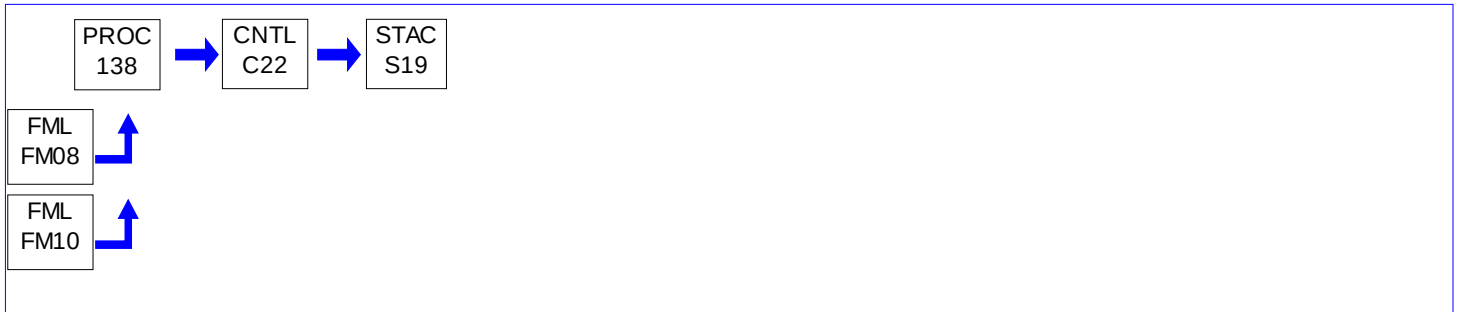
SECTION D. Source Level Plan Approval Requirements

Source ID: 138

Source Name: #2 RAW GRINDING MILL

Source Capacity/Throughput:	93.300 Gal/HR	#5 Oil
	110.000 Tons/HR	CEMENT ROCK

Conditions for this source occur in the following groups: 10
11
12
13
14

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

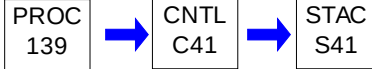
SECTION D. Source Level Plan Approval Requirements

Source ID: 139

Source Name: CLINKER STORAGE BUILDING

Source Capacity/Throughput: 150.000 Tons/HR CLINKER

Conditions for this source occur in the following groups: 10

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 140

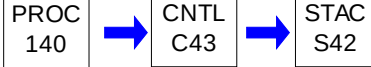
Source Name: BULK SILOS LANE 1 FRONT SPOUT

Source Capacity/Throughput:

360.000 Tons/HR

CEMENT

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 141

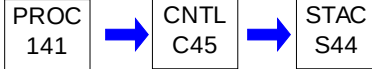
Source Name: BULK SILOS LANE 2 SPOUT

Source Capacity/Throughput:

360.000 Tons/HR

CEMENT

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 143

Source Name: COAL MILL 2

Source Capacity/Throughput:

8.000 Tons/HR

COAL

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 144

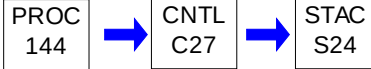
Source Name: COAL MILL 3

Source Capacity/Throughput:

6.100 Tons/HR

COAL

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 145

Source Name: PULVERIZED FUEL BIN

Source Capacity/Throughput:

69.000 Tons/HR

PULVERIZED COAL

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 146

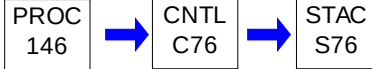
Source Name: K-2 FEED SYSTEM

Source Capacity/Throughput:

140.000 Tons/HR

KILN FEED

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 148

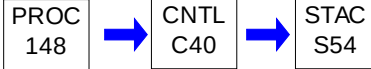
Source Name: #4 PACKHOUSE (WEST)

Source Capacity/Throughput:

200.000 Tons/HR

CEMENT

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

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IV. RECORDKEEPING REQUIREMENTS.

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

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

VII. ADDITIONAL REQUIREMENTS.

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

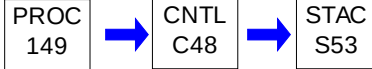
SECTION D. Source Level Plan Approval Requirements

Source ID: 149

Source Name: #1 PACKHOUSE WEST

Source Capacity/Throughput: 200.000 Tons/HR

Conditions for this source occur in the following groups: 10

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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IV. RECORDKEEPING REQUIREMENTS.

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V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 150

Source Name: #1 PACKHOUSE EAST

Source Capacity/Throughput:

200.000 Tons/HR

CEMENT

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

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VI. WORK PRACTICE REQUIREMENTS.

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VII. ADDITIONAL REQUIREMENTS.

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

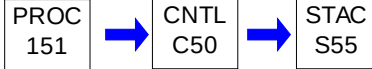
SECTION D. Source Level Plan Approval Requirements

Source ID: 151

Source Name: CEMENT SILOS S10 - S23 GROUP

Source Capacity/Throughput: 220.000 Tons/HR

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 152

Source Name: NOS. 2 & 6 CLINKER SILOS LOADOUT SPOUTS

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 153

Source Name: BULK SILO B-11

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

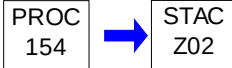
SECTION D. Source Level Plan Approval Requirements

Source ID: 154

Source Name: CEMENT/SLAG BLENDER

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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IV. RECORDKEEPING REQUIREMENTS.

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V. REPORTING REQUIREMENTS.

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VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 155

Source Name: PDF TRANSFER SYSTEM

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

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VI. WORK PRACTICE REQUIREMENTS.

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VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 160

Source Name: MISC FUGITIVE EMISSIONS

Source Capacity/Throughput: 10.000 Tons/HR

Conditions for this source occur in the following groups: 10

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

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IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

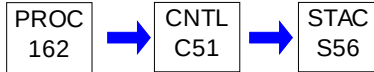
SECTION D. Source Level Plan Approval Requirements

Source ID: 162

Source Name: 1 FINISH MILL HES

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

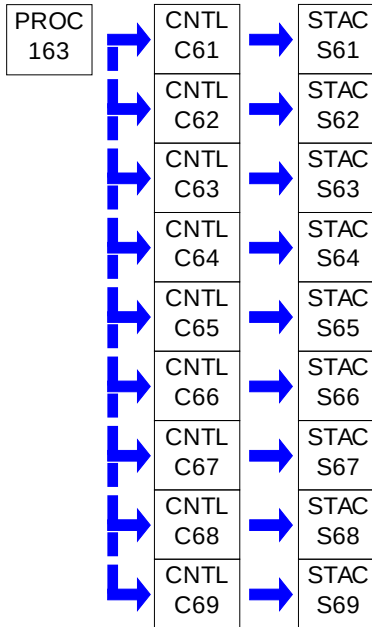
SECTION D. Source Level Plan Approval Requirements

Source ID: 163

Source Name: CLINKER RECLAIM BELT CONVEYOR SYSTEM

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

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) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 164

Source Name: PEBBLE LIME SILO

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Plan Approval Requirements

Source ID: 165

Source Name: RAW BELT 1

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

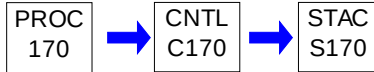
SECTION D. Source Level Plan Approval Requirements

Source ID: 170

Source Name: STONE SILO 5 & 6 W/ BELT 9

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 10



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION E. Source Group Plan Approval Restrictions.

Group Name: 10

Group Description: PM/PM10/PM2.5 PAL requirements

Sources included in this group

ID	Name
037	RANSOME GENERATOR (EAST)
038	RANSOME GENERATOR (CENTER)
039	RANSOME GENERATOR (WEST)
101	K-2 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM
103	K-2 COOLER
105	K-2 CLINKER TOWER
106	BULK SILOS (B-5 D.C.)
107	BULK SILO GROUP (B-6 D.C.)
108	#1 RAW GRINDING MILL
109	H1/H2 HOMO SILO
110	QUARRY IMPACTOR
112	H3/H4 HOMO SILO
113	K-2 DUST RETURN SYSTEM
114	K-3 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM
115	K-3 COOLER
122	#2 FINISH MILL OSEPA
123	CLINKER SILOS GROUP COLLECTOR
124	K-3 CLINKER TOWER
125	K-3 CLINKER TRANSFER TOWER
127	#1 FINISH GRINDING MILL
128	#2 FINISH GRINDING MILL
129	#2 FINISH MILL AUXILIARIES
132	PACKHOUSE 4 (EAST)
133	B-13 & B-14 BULK SILOS
135	H5/H6 HOMO SILO
136	BULK SILOS LANE 1 REAR SPOUT
137	FINISH MILL 1 AUXILIARIES
138	#2 RAW GRINDING MILL
139	CLINKER STORAGE BUILDING
140	BULK SILOS LANE 1 FRONT SPOUT
141	BULK SILOS LANE 2 SPOUT
143	COAL MILL 2
144	COAL MILL 3
145	PULVERIZED FUEL BIN
146	K-2 FEED SYSTEM
148	#4 PACKHOUSE (WEST)
149	#1 PACKHOUSE WEST
150	#1 PACKHOUSE EAST
151	CEMENT SILOS S10 - S23 GROUP
152	NOS. 2 & 6 CLINKER SILOS LOADOUT SPOUTS
153	BULK SILO B-11
154	CEMENT/SLAG BLENDER
155	PDF TRANSFER SYSTEM

SECTION E. Source Group Plan Approval Restrictions.

160	MISC FUGITIVE EMISSIONS
162	1 FINISH MILL HES
163	CLINKER RECLAIM BELT CONVEYOR SYSTEM
164	PEBBLE LIME SILO
165	RAW BELT 1
170	STONE SILO 5 & 6 W/ BELT 9
C61	CLINKER RECLAIM FABRIC COLLECTOR 1
C62	CLINKER RECLAIM FABRIC COLLECTOR 2
C63	CLINKER RECLAIM FABRIC COLLECTOR 3
C64	CLINKER RECLAIM FABRIC COLLECTOR 4
C65	CLINKER RECLAIM FABRIC COLLECTOR 5
C66	CLINKER RECLAIM FABRIC COLLECTOR 6
C67	CLINKER RECLAIM FABRIC COLLECTOR 7
C68	CLINKER RECLAIM FABRIC COLLECTOR 8
C69	CLINKER RECLAIM FABRIC COLLECTOR 9

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

In order to demonstrate compliance with the PAL limitations for PM/PM10/PM2.5 the owner or operator shall monitor the following for each emission unit shall be based on the following (all units converted to tons/month) as per 25 Pa. Code § 127.218(m)(5) and 40 CFR §52.21(aa)(12)(d):

- Source ID 037, 038, 039: Fuel usage per month and approved emission factors
- Source ID 101, 114: monthly operating hours and company specific emission factor determined by most recent stack test.
- Source ID 103, 115: Use of monthly kiln feed throughput and company-specific emission factor determined by most recent stack test (lb/ton of feed).
- Source ID 105, 106, 107, 108, 109, 110, 112, 113, 123, 124, 125, 129, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 163, 164, 165, 170: Use of operating hours, maximum volumetric flow rate (scfm), and allowable emission rate (grains/dscf, ppm, etc.) or actual emission rate (lb/hr) determined by most recent stack test
- Source ID 122: Use of operating hours and actual emission rate determined by most recent emission test program.
- Source ID 127, 128: Use of monthly operating hours, maximum volumetric flow rate (scfm), and allowable emission rate (grains/dscf, ppm, etc.).

SECTION E. Source Group Plan Approval Restrictions.

7. Source ID 162: Use of throughput (tons/month) and company-specific emission factor (lb/ton of clinker).

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.

Group Name: 11

Group Description: VOC PAL requirements

Sources included in this group

ID	Name
037	RANSOME GENERATOR (EAST)
038	RANSOME GENERATOR (CENTER)
039	RANSOME GENERATOR (WEST)
101	K-2 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM
108	#1 RAW GRINDING MILL
114	K-3 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM
127	#1 FINISH GRINDING MILL
128	#2 FINISH GRINDING MILL
138	#2 RAW GRINDING MILL

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

In order to demonstrate compliance with the PAL limitations for VOC the owner or operator shall monitor the following for each emission unit shall be based on the following (all units converted to tons/month) as per 25 Pa. Code § 127.218(m)(5) and 40 CFR §52.21(aa)(12)(d):

1. Source ID 101, 114: monthly production records and company specific emission factor determined by most recent stack testing event.
2. Source ID 127, 128: Percentage of total grinding aid (tons/month) used in process.
3. Source ID 037, 038, 039: Fuel usage per month and approved emission factors.

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.

Group Name: 12

Group Description: CO PAL requirements

Sources included in this group

ID	Name
037	RANSOME GENERATOR (EAST)
038	RANSOME GENERATOR (CENTER)
039	RANSOME GENERATOR (WEST)
101	K-2 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM
108	#1 RAW GRINDING MILL
114	K-3 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM
138	#2 RAW GRINDING MILL

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

In order to demonstrate compliance with the PAL limitations for CO the owner or operator shall monitor the following for each emission unit shall be based on the following (all units converted to tons/month) as per 25 Pa. Code § 127.218(m)(5) and 40 CFR §52.21(aa)(12)(d):

- Source ID 101, 114: production records and company specific emission factor determined by most recent stack testing event or measurements obtained through use of company CEMS.
- Source ID 037, 038, 039, 108, 138: Fuel usage per month and approved emission factors.

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.

Group Name: 13

Group Description: SO2 PAL requirements

Sources included in this group

ID	Name
037	RANSOME GENERATOR (EAST)
038	RANSOME GENERATOR (CENTER)
039	RANSOME GENERATOR (WEST)
101	K-2 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM
108	#1 RAW GRINDING MILL
114	K-3 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM
138	#2 RAW GRINDING MILL

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

In order to demonstrate compliance with the PAL limitations for SO₂ the owner or operator shall monitor the following for each emission unit shall be based on the following (all units converted to tons/month) as per 25 Pa. Code § 127.218(m)(5) and 40 CFR §52.21(aa)(12)(d):

1. Source ID 101, 114: Use of SO₂ CEMS and converted to tons/month
2. Source ID 037, 038, 039, 108, 138: Fuel usage per month and approved emission factors.

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.

Group Name: 14

Group Description: NOx PAL requirements

Sources included in this group

ID	Name
037	RANSOME GENERATOR (EAST)
038	RANSOME GENERATOR (CENTER)
039	RANSOME GENERATOR (WEST)
101	K-2 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM
108	#1 RAW GRINDING MILL
114	K-3 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM
138	#2 RAW GRINDING MILL

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

In order to demonstrate compliance with the PAL limitations for NOx the owner or operator shall monitor the following for each emission unit shall be based on the following (all units converted to tons/month) as per 25 Pa. Code § 127.218(m)(5) and 40 CFR §52.21(aa)(12)(d):

1. Source ID 101, 114: Use of a NOx CEMS and converted to tons/month
2. Source ID 037, 038, 039, 108, 138: Fuel usage per month and approved emission factors.

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.

Group Name: 15

Group Description: Pb PAL requirements

Sources included in this group

ID	Name
037	RANSOME GENERATOR (EAST)
038	RANSOME GENERATOR (CENTER)
039	RANSOME GENERATOR (WEST)
101	K-2 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM
114	K-3 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM
127	#1 FINISH GRINDING MILL
128	#2 FINISH GRINDING MILL

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

In order to demonstrate compliance with the PAL limitations for Pb the owner or operator shall monitor the following for each emission unit shall be based on the following (all units converted to tons/month) as per 25 Pa. Code § 127.218(m)(5) and 40 CFR §52.21(aa)(12)(d):

1. Source ID 101, 114: production records and company specific emission factor determined by most recent stack test.
2. Source ID 037, 038, 039: Fuel usage per month and approved emission factors.
3. Source ID 108, 127, 128, 138: Grinding aid usage in tons/month

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.

Group Name: 16

Group Description: HF PAL requirements

Sources included in this group

ID	Name
101	K-2 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM
114	K-3 KILN WITH PREHEATER/SNCR & DAA INJECTION SYSTEM

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

In order to demonstrate compliance with the PAL limitations for HF the owner or operator shall monitor the following for each emission unit shall be based on the following (all units converted to tons/month) as per 25 Pa. Code § 127.218(m)(5) and 40 CFR §52.21(aa)(12)(d):

1. Source ID 101, 114: monthly production records and company specific emission factor determined by most recent stack test.

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.

Group Name: 17

Group Description: H₂SO₄ requirements

Sources included in this group

ID	Name
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No Sources exist for this Group.

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Sulfuric acid (H₂SO₄) baseline actual emissions (BAE) used in establishing this PAL Permit are 0.0 TPY. Therefore only new emission sources that emit H₂SO₄ shall be tracked as soon as they begin to operate as per as per 25 Pa. Code § 127.218(m)(5) and 40 CFR §52.21(aa)(12)(d).

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 F. Alternative Operation Requirements.

No Alternative Operations exist for this Plan Approval facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description
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Site Emission Restriction Summary

Emission Limit	Pollutant
193.150 Tons/Yr	TSP
585.610 Tons/Yr	PM10
523.090 Tons/Yr	PM2.5
810.310 Tons/Yr	NOX
1,079.180 Tons/Yr	SO2
92.900 Tons/Yr	VOC
1,996.140 Tons/Yr	CO
0.910 Tons/Yr	Lead
7.000 Tons/Yr	Sulfuric Acid
3.210 Tons/Yr	Hydrogen Fluoride

**SECTION H. Miscellaneous.**

This permit was administratively ammended on 2/27/2019 to correct errors and remove ID 108 and 138 from Group 11 since they do not emit VOC's



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