

Enclosure 1

This enclosure requests information about the cement production facility, facility equipment and processes regulated under 40 CFR part 63 subpart LLL, facility processing rates and air pollution control devices used, and information on control device performance.

Portland Cement 114 Request Form

National Emission Standards for Hazardous Air Pollutants (NESHAP) from the Portland Cement Manufacturing Industry (40 CFR part 63, subpart LLL)

Portland Cement 114 Request Form

National Emission Standards for Hazardous Air Pollutants (NESHAP) from the Portland Cement Manufacturing Industry (40 CFR part 63, subpart LLL)

General Instructions

1. Please complete one copy of this workbook for each portland cement manufacturing plant owned or operated by your company.
2. If any of the data requested is considered confidential business information (CBI), please prepare an additional version of this work book containing only non-confidential information.
3. Please direct any questions to Brian Storey at (919) 541-1103 or storey.brian@epa.gov

This survey contains the following tabs after the cover sheet:

Instructions (this tab). Instructions for completing this survey.

Terms. Definitions and acronyms of certain technical terms that are mentioned throughout this survey.

Part A (01-14). Facility Information

Part B (01). Facility Equipment Regulated under Subpart LLL

Part C (01-04). Processing Rates and Controls Used for Kilns Regulated under Subpart LLL

Part D (01-03). Detailed Control Device and Emission Release Information for Sources Regulated under Subpart LLL

To submit your survey, the following instructions are referenced from the Section 114 transmittal letter.

All required non-confidential business information (non-CBI) must be sent electronically to:

Brian Storey
Office of Air Quality Planning and Standards
Sector Policies and Programs Division
Research Triangle Park, NC 27711
storey.brian@epa.gov

For confidential business information (CBI), remove those portions from your response and submit them separately to the appropriate email address below. For any confidential information, the CBI may be sent in either of the following two manners:

1. **Preferred method to receive CBI:** transmitted to OAQPS CBI Office electronically using email attachments, File Transfer Protocol (FTP), or other online file sharing services (e.g., Dropbox, OneDrive, Google Drive) using the email address, oaqpscbi@epa.gov, and should include clear CBI markings. If assistance is needed with submitting large electronic files, please email oaqpscbi@epa.gov to request a file transfer link.

2. Sent to the OAQPS Document Control Officer through a postal service (U.S. Mail, United Parcel Service (UPS), Federal Express (FedEx)). CBI material should be double wrapped and clearly marked. CBI markings should not show through the outer envelope.

Please use the street address below for U.S. Postal Service Express Mail, registered mail, or private courier for submitting your CBI:

Ms. Tiffany Purifoy, OAQPS DCO
ATTN: Portland Cement NESHAP
U.S. Environmental Protection Agency
Mail Code C404-02
109 T.W. Alexander Drive
Research Triangle Park, NC 27711

Please use the street address below for commercial package carriers, such as FedEx and UPS for submitting your CBI:

Ms. Tiffany Purifoy, OAQPS DCO
ATTN: Portland Cement NESHAP
U.S. Environmental Protection Agency
Mail Code C404-02
109 T.W. Alexander Drive
Research Triangle Park, NC 27711

Portland Cement 114 Request Form

National Emission Standards for Hazardous Air Pollutants (NESHAP) from the Portland Cement Manufacturing Industry (40 CFR part 63, subpart LLL)

Please copy this Microsoft Excel workbook as needed, and complete one file for each Portland Cement Manufacturing facility operated by your company.

Definitions	
Term	Definition
Alkali bypass	A duct between the feed end of the kiln and the preheater tower through which a portion of the kiln exit gas stream is withdrawn and quickly cooled by air or water to avoid excessive buildup of alkali, chloride and/or sulfur on the raw feed. This may also be referred to as the “kiln exhaust gas bypass”.
Bypass stack	The stack that vents exhaust gases to the atmosphere from the bypass control device.
Clinker cooler	Equipment into which clinker product leaving the kiln is placed to be cooled by air supplied by a forced draft or natural draft supply system.
Conveyor transfer point	A point where any material including but not limited to feed material, fuel, clinker or product, is transferred to or from a conveying system, or between separate parts of a conveying system.
Finish mill	A roll crusher, ball and tube mill, or other size reduction equipment used to grind clinker to a fine powder. Gypsum and other materials may be added to and blended with clinker in a finish mill. The finish mill also includes the air separator associated with the finish mill.
In-line coal mills	A coal mill using kiln exhaust gases in their process. A coal mill with a heat source other than the kiln or a coal mill using exhaust gases from the clinker cooler is not an in-line coal mill.
Kiln	A device, including any associated preheater or precalciner devices, inline raw mills, inline coal mills or alkali bypasses that produces clinker by heating limestone and other materials for subsequent production of portland cement. Because the inline raw mill and inline coal mill are considered an integral part of the kiln, for purposes of determining the appropriate emissions limit, the term kiln also applies to the exhaust of the inline raw mill and the inline coal mill.
Monovent	An exhaust configuration of a building or emission control device (e.g., positive-pressure fabric filter) that extends the length of the structure and has a width very small in relation to its length (i.e., length to width ratio is typically greater than 5:1). The exhaust may be an open vent with or without a roof, louvered vents, or a combination of such features.
Open clinker pile	A clinker storage pile on the ground for more than three days that is not completely enclosed in a building or structure.
Raw material dryer	An impact dryer, drum dryer, paddle-equipped rapid dryer, air separator, or other equipment used to reduce the moisture content of feed or other materials.
Raw mill	A ball and tube mill, vertical roller mill or other size reduction equipment, that is not part of an inline kiln/raw mill, used to grind feed to the appropriate size. Moisture may be added or removed from the feed during the grinding operation. If the raw mill is used to remove moisture from feed materials, it is also, by definition, a raw material dryer. The raw mill also includes the air separator associated with the raw mill.
Sorbent	Activated carbon, lime, or any other type of material injected into kiln exhaust for the purposes of capturing and removing any hazardous air pollutant.

Acronyms	
Acronym	Term
APCD	add-on air pollution control device

CBI	Confidential Business Information
ID	identifier
NAICS	North American Industrial Classification System
OPC	ordinary portland cement
PLC	portland-limestone cement
SCFM	standard cubic feet per minute

Portland Cement 114 Request Form

National Emission Standards for Hazardous Air Pollutants (NESHAP) from the Portland Cement Manufacturing Industry (40 CFR part 63, subpart LLL)

Please copy this Microsoft Excel workbook as needed, and complete one file for each Portland Cement Manufacturing facility operated by your company.

Part A. Facility Information

A-01. Name and address of legal OWNER of the facility (if more than one owner, provide the name, address, and percent ownership for each owner using the additional columns to right):

Name	Ash Grove Cement Company	
Address	11011 Cody Street, Suite 300	
City	Overland Park	
State	KS	
Zip	66210	
Percent Ownership	100%	

A-02. Name and address of legal OPERATOR of the facility, if different than the legal OWNER:

Name	
Address	
City	
State	
Zip	

A-03. Name and complete street address of facility (physical location):

Facility Name	Ash Grove Cement Company Louisville
Address	16215 Hwy 50
City	Louisville
State	Nebraska
Zip	68037
County	Cass

A-04. Provide mailing address of the facility if different than physical location:

Address	
City	
State	
Zip	
County	

A-05. Facility contact able to answer technical questions about the completed survey:

Name (first name, last name)	Alex Blecha
Title	Environmental Manager
Telephone number and extension	402 234 4819

E-mail	alexander.blecha@ashgrove.com
--------	--

A-06. What is the facility size classification for hazardous air pollutant (HAP) emissions? (Enter "Yes" or "No")

EPA Major Source of Hazardous Air Pollutants (HAP)	Yes
EPA Area source (based on potential to emit) of HAP	No
EPA Area source (Synthetic Minor) of HAP	No

A-07. Facility NAICS codes. Note: The primary NAICS code represents the line of business that generates the most income for the facility.

Primary NAICS code	327310
Other facility NAICS codes	

A-08. Company Size (Enter "Yes" for all that apply) Note: Approximate number of all employees (worldwide) of the business enterprise that owns this facility, including where applicable, the parent company and all subsidiaries, branches, and unrelated establishments owned by the parent company.

< 1,000 employees	
≥ 1,000 employees	Yes

A-09 Parent Company Annual Revenue

Please provide the estimated annual revenue (\$) generated by the parent company (identified in A-01) in FY2021.

FY2021 Annual Revenue of Parent Company	N/A
---	-----

A-10. Federal and State rule/permit coverage. (Enter "Yes" for all that apply to this facility).

Subpart LLL (Portland Cement Manufacturing)	Yes	40 CFR 63 Subpart LLL, Title 129, Chapter 28, Section 001.40 40 CFR 63 Subpart ZZZZ, Title 129, Chapter 28, Section 001.88
Other NESHAP (SPECIFY rule name and subpart)	Yes	
Other (SPECIFY rule name and subpart)		
New Source Performance Standards (NSPS):		40 CFR 60 Subpart Y - Coal Preparation Plants
40 CFR 60 subpart F (Portland Cement Plants)	Yes	
Other NSPS (SPECIFY rule name and subpart)	Yes	
Other NSPS (SPECIFY rule name and subpart)		
Title V:		40 CFR Part 70, Major Source Requirements
(SPECIFY rule that led to title V permit requirement)	Yes	
State Air Toxics:		
(SPECIFY rule name and subpart)	No	
(SPECIFY rule name and subpart)		
Other: (SPECIFY emission unit and rule)		
Other: (SPECIFY emission unit and rule)		

A-11. Normal Facility Production Hours

Hours/day:	24
Shifts/day:	3
Days/week:	7

Weeks/year:	52
-------------	----

A-12. Clinker Production. Amount of clinker produced the most recent year of normal operation. Total capacity of clinker production.

Tons of clinker produced in last normal operating year:	
Maximum tons of clinker able to be produced in one year (plant capacity):	1,075,838

A-13. Please provide a copy of a schematic or process flow diagram of the plant portland cement manufacturing operations. Include identifying labels for equipment to be used for the remainder of this questionnaire.

Schematic or Process Flow Diagram File Name*	Louisville - Exhibit A PFDs
--	-----------------------------

*Please include Unit ID No., APCD ID No., Controlled Emissions Point ID No., and Un-controlled Emissions Point ID No. where applicable in the Schematic or Process Flow Diagram (PFD). It is assumed the PFD will be submitted electronically, as a separate file.

A-14. Please provide all of the pertinent information listed below. Please provide electronic copies, if available, and indicate items provided below. (Enter "Yes" for all that apply).

Title V Permit or State Air Operating Permit*	Yes	Ash Grove Louisville - Exhibit B Title V Permit
---	-----	---

*If the permit is available online, please provide the URL for the file location.

National Emission Standards for Hazardous Air Pollutants (NESHA) from the Portland Cement Manufacturing Industry (40 CFR part 63, subpart LLL)
Please copy this Microsoft Excel workbook as needed, and complete one file for each Portland Cement Manufacturing facility operated by your company.

Please enter information for units subject to Subpart LLL, excluding any fugitive dust sources, material handling/conveying sources of emissions, or the emissions controls associated with these sources. See "Terms" Tab for an explanation of terms. Please insert Rows as needed.

[illegible]

Portland Cement 114 Request Form

National Emission Standards for Hazardous Air Pollutants (NESHAP) from the Portland Cement Manufacturing Industry (40 CFR part 63, subpart LLL)
Please copy this Microsoft Excel workbook as needed, and complete one file for each Portland Cement Manufacturing facility operated by your company.

Part C. Processing Rates and Controls Used for Kilns Regulated under Subpart LLL

Please provide information below for all kilns/clinker coolers at your facility; provide information for 2021 if available, or other year (please specify):
Please insert Rows as needed.
Please use the Notes/Comments column for any additional clarification, or APCDs if sufficient columns are not available. Additionally, Tab E provides space for additional comments.

C-01. For Kiln/Clinker Cooler With Common Exhaust

Unit ID No. (Use Same ID as Provided in Section B-01, Column A)	Maximum Capacity of Unit (tons/yr)	Actual Production of Unit (tons/yr)	Actual Unit Operating Hours (Should be no more than 8,760) (hr/yr)	Primary Fuel	Additional Fuels	Process Modifications* (list all applicable)	APCD Control Device Type No. 1	APCD Control Device ID No. 1	APCD Control Device Type No. 2 (where applicable)	APCD Control Device ID No. 2 (where applicable)	APCD Control Device Type No. 3 (where applicable)	APCD Control Device ID No. 3 (where applicable)	APCD Control Device Type No. 4 (where applicable)	APCD Control Device ID No. 4 (where applicable)	Controlled Emissions Point ID No. (Details provided in Section D)	Un-controlled Emissions Point ID No. (Details provided in Section D)	Additional Notes/Comments

* For example, dust shutting, PLC, overfire air, etc. For PLC, indicate what percentage of production is PLC vs. OPC. Use Part E tab of this workbook to provide the information if additional space is needed.

C-01.1 Common Exhaust Kilns: Additional Fuels List

Unit ID No. (from C-01)					
Additional Fuels					

C-02. For Each Kiln With Separate Exhaust

Unit ID No. (Use Same ID as Provided in Section B-01, Column A)	Maximum Capacity of Unit (tons/yr)	Actual Production of Unit (tons/yr)	Actual Unit Operating Hours (Should be no more than 8,760) (hr/yr)	Primary Fuel	Additional Fuels	Process Modifications* (list all applicable)	APCD Control Device Type No. 1	APCD Control Device ID No. 1	APCD Control Device Type No. 2 (where applicable)	APCD Control Device ID No. 2 (where applicable)	APCD Control Device Type No. 3 (where applicable)	APCD Control Device ID No. 3 (where applicable)	APCD Control Device Type No. 4 (where applicable)	APCD Control Device ID No. 4 (where applicable)	Controlled Emissions Point ID No. (Details provided in Section D)	Un-controlled Emissions Point ID No. (Details provided in Section D)	Additional Notes/Comments
S0801 (Kiln 2)	657,000			Natural Gas	Coal, Coke, Biomass	N/A	Baghouse	423.BF1	Dry Scrubbing	423.RF1	SNCR	424.LP1	ESP	423.EP1	Main Kiln Stack		#2 Kiln (HW) - Precalciner, HW Kiln Coal Mill
S1102 (Coal Mill)	N/A	N/A		N/A	N/A	N/A	Baghouse	428.DE1, 428.DE2, 428.DE3							Coal Mill Stack		Coal Mill Stack
S0503 (Kiln 1)	418,838			Natural Gas	Coal, Coke, Biomass	N/A	Baghouse	413.BF1	Dry Scrubbing	413.RF1	ESP	413.EP1			Main Kiln Stack		#1 Kiln (ACL) - Semi-Dry

* For example, dust shutting, PLC, overfire air, etc. For PLC, indicate what percentage of production is PLC vs. OPC. Use Part E tab of this workbook to provide the information if additional space is needed.

C-02.1 Separate Exhaust Kilns: Additional Fuels List

Unit ID No. (from C-02)					
Additional Fuels					

C-03. For Each Idle Kiln, Not in Operation

Unit ID No. (Use Same ID as Provided in Section B-01, Column A)	Maximum Capacity of Unit (tons/yr)	Actual Production of Unit (tons/yr)	Current Idle Period (days/months/years)	Primary Fuel	Additional Fuels	Process Modifications* (list all applicable)	APCD Control Device Type No. 1	APCD Control Device ID No. 1	APCD Control Device Type No. 2 (where applicable)	APCD Control Device ID No. 2 (where applicable)	APCD Control Device Type No. 3 (where applicable)	APCD Control Device ID No. 3 (where applicable)	APCD Control Device Type No. 4 (where applicable)	APCD Control Device ID No. 4 (where applicable)	Controlled Emissions Point ID No. (Details provided in Section D)	Un-controlled Emissions Point ID No. (Details provided in Section D)	Additional Notes/Comments
					Use the space in C-03.1 to list any additional fuels, permitted or otherwise, burned by the Unit identified in this table.												

* For example, dust shutting, PLC, overfire air, etc. For PLC, indicate what percentage of production is PLC vs. OPC. Use Part E tab of this workbook to provide the information if additional space is needed.

C-03.1 Separate Exhaust Kilns: Additional Fuels List

Unit ID No. (from C-03)					
Additional Fuels					

C-04. For Each Clinker Cooler with Separate Exhaust

Unit ID No. (Use Same ID as Provided in Section B-01, Column A)	Maximum Capacity of Unit (tons/yr)	Actual Production of Unit (tons/yr)	Actual Unit Operating Hours (Should be no more than 8,760) (hr/yr)	APCD Control Device Type No. 1	APCD Control Device ID No. 1	APCD Control Device Type No. 2 (where applicable)	APCD Control Device ID No. 2 (where applicable)	APCD Control Device Type No. 3 (where applicable)	APCD Control Device ID No. 3 (where applicable)	APCD Control Device Type No. 4 (where applicable)	APCD Control Device ID No. 4 (where applicable)	Controlled Emissions Point ID No. (Details provided in Section D)	Un-controlled Emissions Point ID No. (Details provided in Section D)	Additional Notes/Comments
S0603, 417.CC1	418,838	-	N/A	Baghouse	417.DE1									
S0901, 427.CC1	657,000	-	N/A	Baghouse	427.DE1									

Portland Cement 114 Request Form

National Emission Standards for Hazardous Air Pollutants (NESHAP) from the Portland Cement Manufacturing Industry (40 CFR part 63, subpart LLL)

Please copy this Microsoft Excel workbook as needed, and complete one file for each Portland Cement Manufacturing facility operated by your company.

Part D. Detailed Control Device and Emission Release Information for Sources Regulated under Subpart LLL

Please provide information below for all air pollution control devices at your facility; provide information for 2021 if available, or other year (please specify):

Please insert Rows as needed.

CY 2021

D-01. Add-on air pollution control devices (APCD)

APCD ID No. (This should match the ID's provided in Section C)	Device Type*	Pollutant Controlled (separate pollutants with comma)	Capture Efficiency, if known (percent)	Control Device Efficiency, if known (percent)	Methods Used for Determining Capture & Control Efficiencies**	What process units are vented through this point? Unit ID No. (Use Same IDs as Provided in Section B-01 (column A), and Section C) (separate IDs with comma)
413.BF1	Baghouse	PM-FIL, PM10-FIL, PM2.5-FIL	100		b	416.KD1
413.RF1	Dry Scrubbing	HCl, SO2				416.KD1
413.EP1	Electrostatic Precipitator	PM-FIL, PM10-FIL, PM2.5-FIL	100		b	416.KD1
423.BF1	Baghouse	PM-FIL, PM10-FIL, PM2.5-FIL	100		b	426.KD1
423.RF1	Dry Scrubbing	HCl, SO2				426.KD1
424.LP1	SNCR	NOx				426.KD1
423.EP1	Electrostatic Precipitator	PM-FIL, PM10-FIL, PM2.5-FIL	100		b	426.KD1

* For example, fabric filter, wet scrubber etc.

** Control & Capture Efficiency; a = Testing (specify method); b = Manufacturer's Specifications; c = Engineering Estimate

Please provide any additional information concerning the Control Devices identified in D-01, as needed, using the Part E tab of this workbook.

D-02. For each exhaust point/stack with a control device, please provide the following information, if known.

Controlled Emissions Point ID No. (This should match the ID's provided in Section C)	What control devices are vented at this point? (APCD ID No. from Section D-01)	Latitude*	Longitude*	Flow Rate (SCFM)
S0503	413.BF1, 413.RF1, 413.EP1	41.004393°	-96.154632°	143098
S0801	423.BF1, 423.RF1, 424.LP1, 423.EP1	41.004654°	-96.153939°	116664
S1102	42B.DE1, 42B.DE2, 42B.DE3	41.005254°	-96.153191°	13291
S0603	417.DE1	41.005524°	-96.153247°	28760
S0901	427.DE1	41.005516°	-96.152939°	39209

8/17/2021 Stack Test

8/18/2021 Stack Test

8/4/2021 Stack Test

9/16/2021 Stack Test

5/24/2021 Stack Test

* Longitude and Latitude should be specified to 6 decimal places. If coordinates are not known, please provide a scaled site diagram, with a latitude/longitude reference point, indicating stack locations.

D-03. For each exhaust point/stack not associated with a control device, please provide the following information, if known.

Un-controlled Emissions Point ID No. (This should match the ID's provided in Section C)	What process units are vented though this point? Unit ID No. (Use Same IDs as Provided in Section B- 01 (column A), and Section C) (separate IDs with comma)	Latitude*	Longitude*	Flow Rate, if known (SCFM)

* Longitude and Latitude should be specified to 6 decimal places. If coordinates are not known, please provide a scaled site diagram, with a latitude/longitude reference point, indicating stack locations.

Portland Cement 114 Request Form

National Emission Standards for Hazardous Air Pollutants (NESHAP) from the Portland Cement Manufacturing Industry (40 CFR part 63, subpart LLL)

Please copy this Microsoft Excel workbook as needed, and complete one file for each Portland Cement Manufacturing facility operated by your company.

Part E. Additional Information

E-01. Provide any additional information in the space below as needed. Please identify the associated part of the workbook (e.g., C-01), as applicable.

Identify Questionnaire Part Associated with the Information Provided (e.g., C-01)	Identify Information Being Requested (e.g., "Process Modification")	Additional Information

Portland Cement 114 Request Form

National Emission Standards for Hazardous Air Pollutants (NESHAP) from the Portland Cement Manufacturing Industry (40 CFR part 63, subpart LLL)
Please copy this Microsoft Excel workbook as needed, and complete one file for each Portland Cement Manufacturing facility operated by your company.

Validation		
This sheets provides the names and values that should be used when filling out the sheet.		

POLLUTANT CODE	POLLUTANT CODE DESC	HAP CATEGORY NAME1
Particulate Matter		
PM10-FIL	Primary PM10, Filterable Portion Only	
PM10-PRI	Primary PM10 (Includes Filterables + Condensibles)	
PM25-FIL	Primary PM2.5, Filterable Portion Only	
PM25-PRI	Primary PM2.5 (Includes Filterables + Condensibles)	
PM-CON	Primary PM Condensible Portion Only (All Less Than 1 Micron)	
PM-FIL	Primary PM, Filterable Portion Only	
PM-PRI	Primary PM (Includes Filterables + Condensibles)	
Criteria Air Pollutants and VOC		
CO	Carbon Monoxide	
195	Lead & Compounds	Lead Compounds
NOX	Nitrogen Oxides	
SO2	Sulfur Dioxide	
VOC	Volatile Organic Compounds	
HAP Metals		
7440360	Antimony	Antimony Compounds
7440382	Arsenic	Arsenic Compounds
7440417	Beryllium	Beryllium Compounds
7440439	Cadmium	Cadmium Compounds
7440473	Chromium (Total)	Chromium Compounds
16065831	Chromium (III)	Chromium Compounds
18540299	Chromium (VI)	Chromium Compounds
7440484	Cobalt	Cobalt Compounds
7439921	Lead	Lead Compounds
7439965	Manganese	Manganese Compounds
7440020	Nickel	Nickel Compounds
7782492	Selenium	Selenium Compounds
7439976	Mercury (Total)	Mercury Compounds
200	Elemental Gaseous Mercury	
201	Gaseous Divalent Mercury	Mercury Compounds
202	Particulate Divalent Mercury	Mercury Compounds
Dioxin Furan		
600	2,3,7,8-TCDD TEQ (Total)	Dioxins/Furans as 2,3,7,8-TCDD TEQs
67562394	1,2,3,4,6,7,8-Heptachlorodibenzofuran	Dioxins/Furans as 2,3,7,8-TCDD TEQs
35822469	1,2,3,4,6,7,8-Heptachlorodibenzo-p-Dioxin	Dioxins/Furans as 2,3,7,8-TCDD TEQs
55673897	1,2,3,4,7,8,9-Heptachlorodibenzofuran	Dioxins/Furans as 2,3,7,8-TCDD TEQs
70648269	1,2,3,4,7,8-Hexachlorodibenzofuran	Dioxins/Furans as 2,3,7,8-TCDD TEQs
39227286	1,2,3,4,7,8-Hexachlorodibenzo-p-Dioxin	Dioxins/Furans as 2,3,7,8-TCDD TEQs
57117449	1,2,3,6,7,8-Hexachlorodibenzofuran	Dioxins/Furans as 2,3,7,8-TCDD TEQs
57653857	1,2,3,6,7,8-Hexachlorodibenzo-p-Dioxin	Dioxins/Furans as 2,3,7,8-TCDD TEQs
72918219	1,2,3,7,8,9-Hexachlorodibenzofuran	Dioxins/Furans as 2,3,7,8-TCDD TEQs
19408743	1,2,3,7,8,9-Hexachlorodibenzo-p-Dioxin	Dioxins/Furans as 2,3,7,8-TCDD TEQs
57117416	1,2,3,7,8-Pentachlorodibenzofuran	Dioxins/Furans as 2,3,7,8-TCDD TEQs
40321764	1,2,3,7,8-Pentachlorodibenzo-p-Dioxin	Dioxins/Furans as 2,3,7,8-TCDD TEQs
60851345	2,3,4,6,7,8-Hexachlorodibenzofuran	Dioxins/Furans as 2,3,7,8-TCDD TEQs
57117314	2,3,4,7,8-Pentachlorodibenzofuran	Dioxins/Furans as 2,3,7,8-TCDD TEQs
51207319	2,3,7,8-Tetrachlorodibenzofuran	Dioxins/Furans as 2,3,7,8-TCDD TEQs
1746016	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	Dioxins/Furans as 2,3,7,8-TCDD TEQs
39001020	Octachlorodibenzofuran	Dioxins/Furans as 2,3,7,8-TCDD TEQs
3268879	Octachlorodibenzo-p-Dioxin	Dioxins/Furans as 2,3,7,8-TCDD TEQs
Organic HAP and Acid Gasses.		
6189419	(2S,3S)-2,3-Epoxybutane	
79345	1,1,2,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane
79005	1,1,2-Trichloroethane	1,1,2-Trichloroethane
57147	1,1-Dimethyl Hydrazine	1,1-Dimethylhydrazine
5124301	1,1-Methylene bis(4-isocyanatocyclohexane)	
26447405	1,1'-Methylenediphenyl Diisocyanate	
58899	1,2,3,4,5,6-Hexachlorocyclyhexane	Including Lindane)
120821	1,2,4-Trichlorobenzene	1,2,4-Trichlorobenzene
95636	1,2,4-Trimethylbenzene	
590192	1,2-Butadiene	
96128	1,2-Dibromo-3-Chloropropane	1,2-Dibromo-3-Chloropropane
540498	1,2-Dibromoeethylene	
540590	1,2-Dichloroethylene	
110714	1,2-Dimethoxyethane	Glycol Ethers
122667	1,2-Diphenylhydrazine	1,2-Diphenylhydrazine
106887	1,2-Epoxybutane	1,2-Epoxybutane
75558	1,2-Propylenimine	1,2-Propylenimine (2-Methylaziridine)
646060	1,3 Dioxolane	Glycol Ethers
108678	1,3,5 Trimethylbenzene	
106990	1,3-Butadiene	1,3-Butadiene
542756	1,3-Dichloropropene	1,3-Dichloropropene
102067	1,3-Diphenylguanidine	
2004708	1,3-Pentadiene, (3E)-	
1574410	1,3-Pentadiene, (3Z)-	
108452	1,3-Phenylenediamine	
1120714	1,3-Propanesultone	1,3-Propane Sultone
106467	1,4-Dichlorobenzene	1,4-Dichlorobenzene
591935	1,4-Pentadiene	
42397648	1,6-Dinitropyrene	Polycyclic Organic Matter
42397659	1,8-Dinitropyrene	Polycyclic Organic Matter
2422799	12-Methylbenz(a)Anthracene	Polycyclic Organic Matter
71363	1-Butanol	
106989	1-Butene	
106898	1-Chloro-2,3-Epoxypropane	Epichlorohydrin (1-Chloro-2,3-Epoxypropane)
98566	1-Chloro-4-(Trifluoromethyl)-Benzene	
23436193	1-Isobutoxy-2-Propanol	Glycol Ethers
90120	1-Methylnaphthalene	Polycyclic Organic Matter
832699	1-Methylphenanthrene	Polycyclic Organic Matter
2381217	1-Methylpyrene	Polycyclic Organic Matter
5522430	1-Nitropyrene	Polycyclic Organic Matter
124118	1-Nonene	
71238	1-Propanol	
1569013	1-Propoxy-2-propanol	
27310210	2-(2,4-Hexadienyloxy)Ethanol	Glycol Ethers
112254	2-(Hexyloxy)Ethanol	Glycol Ethers
540841	2,2,4-Trimethylpentane	2,2,4-Trimethylpentane
75832	2,2-Dimethylbutane	
39635319	2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB-189)	Polychlorinated Biphenyls (Aroclors)
38380084	2,3,3',4,4',5/2,3,3',4,4',5-Hexachlorobiphenyl (PCBs156/157)	Polychlorinated Biphenyls (Aroclors)

SCC Code	Units	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Description	Short Name	Category	Fuel	EI Sector	Last Inventory Year Valid	Map To	Usage Notes
30500606	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Kilns	CEMENT	Cement			Industrial			
30500607	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Raw Material Unloading	CEMENT	Cement			Industrial			
30500608	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Raw Material Piles	CEMENT	Cement			Industrial			
30500609	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Primary Crushing	CEMENT	Cement			Industrial			
30500610	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Secondary Crushing	CEMENT	Cement			Industrial			
30500611	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Screening	MINERAL	Cement			Industrial			
30500612	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Raw Material Transfer	CEMENT	Cement			Industrial			
30500613	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Raw Material Grinding and Drying	MINERAL	Cement			Industrial			
30500614	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Clinker Cooler	MINERAL	Cement			Industrial			
30500615	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Clinker Piles	MINERAL	Cement			Industrial			
30500616	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Clinker Transfer	MINERAL	Cement			Industrial			
30500617	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Clinker Grinding	MINERAL	Cement			Industrial			
30500618	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Cement Silos	MINERAL	Cement			Industrial			
30500619	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Cement Load Out	CEMENT	Cement			Industrial			
30500620	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Predryer	Cement	Cement			Industrial			
30500621	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Pulverized Coal Kiln Feed Units	Cement	Cement			Industrial			
30500622	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Preheater Kiln	Cement	Cement			Industrial			
30500623	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Preheater/Precalciner Kiln	Cement	Cement			Industrial			
30500624	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Raw Mill Feed Belt	Cement	Cement			Industrial			
30500625	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Raw Mill Weigh Hopper	Cement	Cement			Industrial			
30500626	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Raw Mill Air Separator	Cement	Cement			Industrial			
30500627	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Finish Grinding Mill Feed Belt	Cement	Cement			Industrial			
30500628	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Finish Grinding Mill Weigh Hopper	Cement	Cement			Industrial			
30500629	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Finish Grinding Mill Air Separator	Cement	Cement			Industrial			
30500699	TON	Industrial	Mineral	Cement Manufacturing (Dry Process)	Other Not Classified	MINERAL	Cement			Industrial			
30500706	TON	Industrial	Mineral	Cement Manufacturing (Wet Process)	Kilns	CEMENT	Cement			Industrial			
30500707	TON	Industrial	Mineral	Cement Manufacturing (Wet Process)	Raw Material Unloading	CEMENT	Cement			Industrial			
30500708	TON	Industrial	Mineral	Cement Manufacturing (Wet Process)	Raw Material Piles	CEMENT	Cement			Industrial			
30500709	TON	Industrial	Mineral	Cement Manufacturing (Wet Process)	Primary Crushing	CEMENT	Cement			Industrial			
30500710	TON	Industrial	Mineral	Cement Manufacturing (Wet Process)	Secondary Crushing	CEMENT	Cement			Industrial			
30500711	TON	Industrial	Mineral	Cement Manufacturing (Wet Process)	Screening	MINERAL	Cement			Industrial			
30500712	TON	Industrial	Mineral	Cement Manufacturing (Wet Process)	Raw Material Transfer	CEMENT	Cement			Industrial			
30500714	TON	Industrial	Mineral	Cement Manufacturing (Wet Process)	Clinker Cooler	MINERAL	Cement			Industrial			
30500715	TON	Industrial	Mineral	Cement Manufacturing (Wet Process)	Clinker Piles	MINERAL	Cement			Industrial			
30500716	TON	Industrial	Mineral	Cement Manufacturing (Wet Process)	Clinker Transfer	MINERAL	Cement			Industrial			
30500717	TON	Industrial	Mineral	Cement Manufacturing (Wet Process)	Clinker Grinding	MINERAL	Cement			Industrial			
30500718	TON	Industrial	Mineral	Cement Manufacturing (Wet Process)	Cement Silos	MINERAL	Cement			Industrial			
30500719	TON	Industrial	Mineral	Cement Manufacturing (Wet Process)	Cement Load Out	CEMENT	Cement			Industrial			
30500727	TON	Industrial	Mineral	Cement Manufacturing (Wet Process)	Finish Grinding Mill Feed Belt	Cement	Cement			Industrial			
30500728	TON	Industrial	Mineral	Cement Manufacturing (Wet Process)	Finish Grinding Mill Weigh Hopper	Cement	Cement			Industrial			
30500729	TON	Industrial	Mineral	Cement Manufacturing (Wet Process)	Finish Grinding Mill Air Separator	Cement	Cement			Industrial			
30500799	TON	Industrial	Mineral	Cement Manufacturing (Wet Process)	Other Not Classified	MINERAL	Cement			Industrial			

	Equipment Type (40 CFR 63.1340 (b))	
New	Kiln (incl. alkali bypass and inline coal mill)	Yes
Existing	Clinker Cooler	No
Reconstructed	Raw Mill	
	Finish Mill	
	Raw Material Dryer	
	Raw Material Storage Bin	
	Clinker Storage Bin	
	Finished Product Storage Bin	
	Conveyor Transfer Point	
	Bagging/Bulk Loading	
	Open Clinker Pile	
	Other (specify in notes/comments column)	

32598144	2,3,3',4,4'-Pentachlorobiphenyl (PCB-105)	Polychlorinated Biphenyls (Aroclors)
52663726	2,3',4,4',5,5'-Hexachlorobiphenyl (PCB-167)	Polychlorinated Biphenyls (Aroclors)
74472370	2,3,4,4',5-Pentachlorobiphenyl (PCB-114)	Polychlorinated Biphenyls (Aroclors)
31508006	2,3',4,4',5-Pentachlorobiphenyl (PCB118)	Polychlorinated Biphenyls (Aroclors)
65510443	2,3',4,4',5'-Pentachlorobiphenyl (PCB-123)	Polychlorinated Biphenyls (Aroclors)
79298	2,3-Dimethylbutane	
591968	2,3-Pentadiene	
7012375	2,4,4'-Trichlorobiphenyl (PCB-28)	Polychlorinated Biphenyls (Aroclors)
95954	2,4,5-Trichlorophenol	2,4,5-Trichlorophenol
88062	2,4,6-Trichlorophenol	2,4,6-Trichlorophenol
90722	2,4,6-Tris(Dimethylaminomethyl)Phenol	
120832	2,4-Dichlorophenol	
94757	2,4-Dichlorophenoxy Acetic Acid	And Esters)
108087	2,4-Dimethylpentane	
105679	2,4-Dimethylphenol	
51285	2,4-Dinitrophenol	2,4-Dinitrophenol
121142	2,4-Dinitrotoluene	2,4-Dinitrotoluene
584849	2,4-Toluene Diisocyanate	2,4-Toluene Diisocyanate
5779942	2,5-Dimethyl Benzaldehyde	
638028	2,5-Dimethyl Thiophene	
53963	2-Acetylaminofluorene	2-Acetylaminofluorene
78922	2-Butanol	
107017	2-Butene	
112072	2-Butoxyethyl Acetate	Glycol Ethers
532274	2-Chloroacetophenone	2-Chloroacetophenone
2051607	2-Chlorobiphenyl (PCB-1)	Polychlorinated Biphenyls (Aroclors)
91587	2-Chloronaphthalene	Polycyclic Organic Matter
872559	2-Ethyl Thiophene	
1241947	2-Ethylhexyl Diphenyl Phosphate	
75854	2-Methyl-2-Butanol	
78784	2-Methylbutane	
592278	2-Methylheptane	
591764	2-Methylhexane	
91576	2-Methylnaphthalene	Polycyclic Organic Matter
78820	2-Methyl-Propanenitrile	Cyanide Compounds
607578	2-Nitrofluorene	Polycyclic Organic Matter
88755	2-Nitrophenol	
79469	2-Nitropropane	2-Nitropropane
107879	2-Pentanone	
20706256	2-Propoxyethyl Acetate	Glycol Ethers
10343552	1-sulphonato(3-)chromium (Solvent Yellow 19)	Chromium Compounds
2530838	3-(Trimethoxysilyl)Propyl Glycidyl Ether	
32774166	3,3',4,4',5,5'-Hexachlorobiphenyl (PCB-169)	Polychlorinated Biphenyls (Aroclors)
57465288	3,3',4,4',5-Pentachlorobiphenyl (PCB-126)	Polychlorinated Biphenyls (Aroclors)
32598133	3,3',4,4'-Tetrachlorobiphenyl (PCB-77)	Polychlorinated Biphenyls (Aroclors)
54827177	3,3',5,5'-Tetramethylbenzidine	
91941	3,3'-Dichlorobenzidene	3,3'-Dichlorobenzidene
119904	3,3'-Dimethoxybenzidine	3,3'-Dimethoxybenzidine
119937	3,3'-Dimethylbenzidine	3,3'-Dimethylbenzidine
70362504	3,4,4',5-Tetrachlorobiphenyl 3,4,4',5-TCB (PCB-81)	Polychlorinated Biphenyls (Aroclors)
10215335	3-Butoxy-1-Propanol	Glycol Ethers
13466789	3-Carene	
1589497	3-Methoxy-1-Propanol	Glycol Ethers
5332730	3-Methoxypropylamine	
56495	3-Methylcholanthrene	Polycyclic Organic Matter
589344	3-Methylhexane	
96140	3-Methylpentane	
5026744	4-(Diglycidylamino)phenyl Glycidyl Ether	
2050682	4,4'-Dichlorobiphenyl (PCB-15)	Polychlorinated Biphenyls (Aroclors)
13680358	4,4'-Methylenebis(2,6-Diethylbenzenamine)	
101144	4,4'-Methylenebis(2-Chloraniline)	4,4'-Methylenebis(2-Chloroaniline)
16298387	4,4'-Methylenebis(2-Methyl-6-(1-Methylethyl)-Benzenamine)	
1761713	4,4'-Methylenebis(Cyclohexylamine)	
101779	4,4'-Methylenedianiline	4,4'-Methylenedianiline
101688	4,4'-Methylenediphenyl Diisocyanate	4,4'-Methylenediphenyl Diisocyanate (MDI)
534521	4,6-Dinitro-o-Cresol	4,6-Dinitro-o-Cresol (Including Salts)
92671	4-Aminobiphenyl	4-Aminobiphenyl
60117	4-Dimethylaminoazobenzene	4-Dimethylaminoazobenzene
123422	4-Hydroxy-4-Methyl-2-Pentanone	
70553	4-Methyl-Benzenesulfonamide	
92933	4-Nitrobiphenyl	4-Nitrobiphenyl
100027	4-Nitrophenol	4-Nitrophenol
3697243	5-Methylchrysene	Polycyclic Organic Matter
7496028	6-Nitrochrysene	Polycyclic Organic Matter
57976	7,12-Dimethylbenz[a]Anthracene	Polycyclic Organic Matter
779022	9-Methyl Anthracene	Polycyclic Organic Matter
2381160	9-Methylbenz[a]Anthracene	Polycyclic Organic Matter
83329	Acenaphthene	Polycyclic Organic Matter
208968	Acenaphthylene	Polycyclic Organic Matter
75070	Acetaldehyde	Acetaldehyde
60355	Acetamide	Acetamide
64197	Acetic Acid	
67641	Acetone	
75058	Acetonitrile	Acetonitrile
98862	Acetophenone	Acetophenone
74862	Acetylene	
107028	Acrolein	Acrolein
79061	Acrylamide	Acrylamide
79107	Acrylic Acid	Acrylic Acid
107131	Acrylonitrile	Acrylonitrile
AMINEAL	Aliphatic Amine	
88	Alkylated Lead	Lead Compounds
107051	Allyl Chloride	Allyl Chloride
28470782	Allyl Chloride Formaldehyde Phenol Polymer	
CELLULOSE	Alpha Cellulose Filler	
80568	Alpha-Pinene	
98555	Alpha-Terpineol	
7429905	Aluminum	
1344281	Aluminum Oxide	
NH3	Ammonia	
1341497	Ammonium Bifluoride	
7788989	Ammonium Chromate	Chromium Compounds
7789095	Ammonium Dichromate	Chromium Compounds
1336216	Ammonium Hydroxide	
624544	Amyl Propionate	
62533	Aniline	Aniline
120127	Anthracene	Polycyclic Organic Matter
92	Antimony & Compounds	Antimony Compounds
1327339	Antimony Oxide	Antimony Compounds
7783702	Antimony Pentafluoride	Antimony Compounds

1314609	Antimony Pentoxide	Antimony Compounds
10025919	Antimony Trichloride	Antimony Compounds
1309644	Antimony Trioxide	Antimony Compounds
15874483	Antimony tris[O,O-dipropyl] tris(dithiophosphate)	Antimony Compounds
1345046	Antimony Trisulfide	Antimony Compounds
ANTI1STAT	Anti-Static Agent Cal Stat 600	
93	Arsenic & Compounds (Inorganic Including Arsine)	Arsenic Compounds
7778394	Arsenic Acid	Arsenic Compounds
1303282	Arsenic Pentoxide	Arsenic Compounds
1327533	Arsenic Trioxide	Arsenic Compounds
3141126	Arsenous Acid	Arsenic Compounds
7784421	Arsine	Arsenic Compounds
1332214	Asbestos	Asbestos
144348878	Asphaltenes (gilsonite)	
205823	Bl[j]Fluoranthen	Polycyclic Organic Matter
7440393	Barium	
10294403	Barium Chromate	Chromium Compounds
7727437	Barium Sulfate	
103	Benz[a]Anthracene/Chrysene	Polycyclic Organic Matter
56553	Benz[a]Anthracene	Polycyclic Organic Matter
100527	Benzaldehyde	
71432	Benzene	Benzene (Including Benzene From Gasoline)
141	Benzene Soluble Organics (BSO)	Coke Oven Emissions
92875	Benzidine	Benzidine
203338	Benzo[a]fluoranthene	Polycyclic Organic Matter
195197	Benzo[c]phenanthrene	Polycyclic Organic Matter
203123	Benzo[g,h,i]Fluoranthene	Polycyclic Organic Matter
50328	Benzo[a]Pyrene	Polycyclic Organic Matter
205992	Benzo[b]Fluoranthene	Polycyclic Organic Matter
102	Benzo[b+k]Fluoranthene	Polycyclic Organic Matter
192972	Benzo[e]Pyrene	Polycyclic Organic Matter
191242	Benzo[g,h,i,l]Perylene	Polycyclic Organic Matter
207089	Benzo[k]Fluoranthene	Polycyclic Organic Matter
56832736	Benzo[fluoranthenes	Polycyclic Organic Matter
65850	Benzoic Acid	
98077	Benzotrichloride	Benzotrichloride
94360	Benzoyl Peroxide	
16882833	Phthalate	
100516	Benzyl Alcohol	
100447	Benzyl Chloride	Benzyl Chloride
140294	Benzyl Cyanide	Cyanide Compounds
109	Beryllium & Compounds	Beryllium Compounds
7787475	Beryllium Chloride	Beryllium Compounds
7787497	Beryllium Fluoride	Beryllium Compounds
13597994	Beryllium Nitrate	Beryllium Compounds
1304569	Beryllium Oxide	Beryllium Compounds
13510491	Beryllium Sulfate	Beryllium Compounds
127913	Beta-Pinene	
57578	Beta-Propiolactone	Beta-Propiolactone
92524	Biphenyl	Biphenyl
108601	Bis(2-chloro-1-methylethyl) ether	
117817	Bis(2-Ethylhexyl)Phthalate	Bis(2-Ethylhexyl)Phthalate (Dehp)
542881	Bis(Chloromethyl)Ether	Bis(Chloromethyl) Ether
7440699	Bismuth	
80057	BisPhenol A	
1675543	Bisphenol A Diglycidyl Ether	
25068386	Bisphenol A Epichlorohydrin Polymer	
37312337	Bisphenol A Epichlorohydrin Polymer with Toluene Diisocyanate	
2095036	Bisphenol F Diglycidyl Ether	
7440428	Boron	
75274	Bromodichloromethane	
75252	Bromoform	Bromoform
106978	Butane	
816682	Butanedioic Acid, Hydroxy-Lead (2+) Salt	Lead Compounds
35296721	Butanol	
85687	Butyl Benzyl Phthalate	
124174	Butyl Carbitol Acetate	Glycol Ethers
142961	Butyl Ether	
123728	Butyraldehyde	
68186914	C.I. Pigment Black 28	Chromium Compounds
71631157	C.I. Pigment Black 30	Chromium Compounds
147148	C.I. Pigment Blue 15	
1103384	C.I. Pigment Red 49, Barium Salt (2:1)	
125	Cadmium & Compounds	Cadmium Compounds
543908	Cadmium Acetate	Cadmium Compounds
7789426	Cadmium Bromide	Cadmium Compounds
10108642	Cadmium Chloride	Cadmium Compounds
34330648	Cadmium Chloride Monohydrate	Cadmium Compounds
14486192	Cadmium Fluoroborate	Cadmium Compounds
7790809	Cadmium Iodide	Cadmium Compounds
10325947	Cadmium Nitrate	Cadmium Compounds
1306190	Cadmium Oxide	Cadmium Compounds
1306247	Cadmium Selenide	Cadmium Compounds
12626367	Cadmium Selenide Sulfide	Cadmium Compounds
2223930	Cadmium Stearate	Cadmium Compounds
10124364	Cadmium Sulfate	Cadmium Compounds
1306236	Cadmium Sulfide	Cadmium Compounds
7440702	Calcium	
13765190	Calcium Chromate	Chromium Compounds
156627	Calcium Cyanamide	Calcium Cyanamide
1305620	Calcium Hydroxide	
79925	Camphene	
76222	Camphor	
105602	Caprolactam	
133062	Captan	Captan
63252	Carbaryl	Carbaryl
86748	Carbazole	Polycyclic Organic Matter
112152	Carbitol Acetate	Glycol Ethers
CO2	Carbon Dioxide	
75150	Carbon Disulfide	Carbon Disulfide
CO	Carbon Monoxide	
56235	Carbon Tetrachloride	Carbon Tetrachloride
463796	Carbonic Acid	
463581	Carbonyl Sulfide	Carbonyl Sulfide
120809	Catechol	Catechol
111159	Cellosolve Acetate	Glycol Ethers
110805	Cellosolve Solvent	Glycol Ethers
9004346	Cellulose	
608	Ceramic Fibers (Man-Made)	Fine Mineral Fibers
133904	Chloramben	Chloramben

57749	Chlordane	Chlordane
16887006	Chloride	
7782505	Chlorine	Chlorine
10049044	Chlorine Dioxide	
107200	Chloroacetaldehyde	
79118	Chloroacetic Acid	Chloroacetic Acid
108907	Chlorobenzene	Chlorobenzene
510156	Chlorobenzilate	Chlorobenzilate
124481	Chlorodibromomethane	
CFC	Chlorofluorocarbons	
67663	Chloroform	Chloroform
107302	Chloromethyl Methyl Ether	Chloromethyl Methyl Ether
126998	Chloroprene	Chloroprene
68186903	Chrome Antimony Titanium Buff	Chromium Compounds
14307336	Chromic Acid (H2Cr2O7), Calcium Salt (1:1)	Chromium Compounds
7789120	Chromic Acid (H2Cr2O7), Disodium Salt, Dyhydrate	Chromium Compounds
14018952	Chromic Acid (H2Cr2O7), Zinc Salt (1:1)	Chromium Compounds
7738945	Chromic Acid (VI)	Chromium Compounds
24613896	Chromic Acid Chromium (+3) Salt	Chromium Compounds
1308389	Chromic Oxide	Chromium Compounds
10101538	Chromic Sulfate	Chromium Compounds
13530682	Chromic Sulfuric Acid	Chromium Compounds
7440473	Chromium	Chromium Compounds
136	Chromium & Compounds	Chromium Compounds
12012350	Chromium (2) Carbide	Chromium Compounds
10025737	Chromium (III) Chloride	Chromium Compounds
10060125	Chromium Chloride, Hexahydrate	Chromium Compounds
12018018	Chromium Dioxide	Chromium Compounds
1308141	Chromium Hydroxide	Chromium Compounds
1333820	Chromium Trioxide	Chromium Compounds
12018198	Chromium Zinc Oxide	Chromium Compounds
21679312	Chromium(III) acetylacetonate	Chromium Compounds
14977618	Chromyl Chloride	Chromium Compounds
7788967	Chromyl Fluoride	Chromium Compounds
218019	Chrysene	Polycyclic Organic Matter
8007452	Coal Tar	Polycyclic Organic Matter
139	Cobalt & Compounds	Cobalt Compounds
1345160	Cobalt Aluminate	Cobalt Compounds
68186867	Cobalt Aluminate Spinel (C.I. Pigment Blue 28)	Cobalt Compounds
7542098	Cobalt Carbonate	Cobalt Compounds
68187495	Cobalt Chromite Green Spinel	Chromium Compounds
16842038	Cobalt Hydrocarbonyl	Cobalt Compounds
61789513	Cobalt Naphthenate	Cobalt Compounds
27253312	Cobalt Neodecanoate	Cobalt Compounds
10026229	Cobalt Nitrate Hexahydrate	Cobalt Compounds
1307966	Cobalt Oxide	Cobalt Compounds
1308061	Cobalt Oxide (II,III)	Cobalt Compounds
10124433	Cobalt Sulfate	Cobalt Compounds
1317426	Cobalt Sulfide	Cobalt Compounds
68186856	Cobalt Titanate Green Spinel	Nickel Compounds
10141056	Cobalt(II) Nitrate	Cobalt Compounds
10294505	Cobalt(II) Phosphate Octahydrate	Cobalt Compounds
140	Coke Oven Emissions	Coke Oven Emissions
7440508	Copper	
544923	Copper Cyanide	Cyanide Compounds
191071	Coronene	Polycyclic Organic Matter
1319773	Cresol	CresoI/Cresylic Acid (Mixed Isomers)
14464461	Cristobalite	
98828	Cumene	Cumene
80159	Cumene Hydroperoxide	
57125	Cyanide	Cyanide Compounds
144	Cyanide & Compounds	Cyanide Compounds
108918	Cyclohexanamine	
110827	Cyclohexane	
53880050	homopolymer	
108941	Cyclohexanone	
542927	Cyclopentadiene	
287923	Cyclopentane	
72559	Dde (1,1-Dichloro-2,2-Bis(p-Chlorophenyl) Ethylene)	Dde (1,1-Dichloro-2,2-Bis(p- Chlorophenyl) Ethylene)
2051243	Decachlorobiphenyl (PCB-209)	Polychlorinated Biphenyls (Aroclors)
16672392	Di(Ethylene Glycol Monobutyl Ether) Phthalate	Glycol Ethers
68855549	Diatomaceous Earth, Flux-Calclned	
334883	Diazomethane	Diazomethane
95481622	Dibasic Esters	
15845520	Dibasic Lead Phosphate	Lead Compounds
192654	Dibenzo[a,e]Pyrene	Polycyclic Organic Matter
53703	Dibenzo[a,h]Anthracene	Polycyclic Organic Matter
189640	Dibenzo[a,h]Pyrene	Polycyclic Organic Matter
189559	Dibenzo[a,i]Pyrene	Polycyclic Organic Matter
224420	Dibenzo[a,j]Acridine	Polycyclic Organic Matter
191300	Dibenzo[a,j]Pyrene	Polycyclic Organic Matter
132649	Dibenzofuran	Dibenzofuran
84742	Dibutyl Phthalate	Dibutyl Phthalate
111444	Dichloroethyl Ether	Dichloroethyl Ether (Bis[2-Chloroethyl]Ether)
62737	Dichlorvos	Dichlorvos
77736	Dicyclopentadiene	
111422	Diethanolamine	Diethanolamine
110816	Diethyl Disulfide	
84662	Diethyl Phthalate	
64675	Diethyl Sulfate	Diethyl Sulfate
352932	Diethyl Sulfide	
111466	Diethylene Glycol	
4246519	Diethylene Glycol Diamino Propyl Ether	Glycol Ethers
120558	Diethylene Glycol Dibenzoate	Glycol Ethers
112367	Diethylene Glycol Diethyl ether	Glycol Ethers
4206615	Diethylene Glycol Diglycidyl Ether	Glycol Ethers
111966	Diethylene Glycol Dimethyl Ether	Glycol Ethers
693210	Diethylene Glycol Dinitrate	Glycol Ethers
764998	Diethylene Glycol Divinyl Ether	Glycol Ethers
1002671	Diethylene Glycol Ethyl Methyl Ether	Glycol Ethers
10143530	Diethylene Glycol Ethylvinyl Ether	Glycol Ethers
10143541	Diethylene Glycol Mono-2-Cyanoethyl Ether	Glycol Ethers
112345	Diethylene Glycol Monobutyl Ether	Glycol Ethers
111900	Diethylene Glycol Monoethyl Ether	Glycol Ethers
18912806	Diethylene Glycol Monoisobutyl Ether	Glycol Ethers
111773	Diethylene Glycol Monomethyl Ether	Glycol Ethers
929373	Diethylene Glycol Monovinyl Ether	Glycol Ethers
10143563	Diethyleneglycol-Mono-2-Methyl-Pentyl Ether	Glycol Ethers
DIISOCYAN	Diisocyanates	
624920	Dimethyl Disulfide	

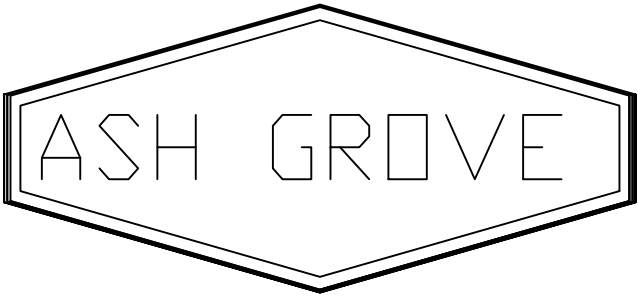
115106	Dimethyl Ether	
131113	Dimethyl Phthalate	Dimethyl Phthalate
77781	Dimethyl Sulfate	Dimethyl Sulfate
75183	Dimethyl Sulfide	
79447	Dimethylcarbamoyl Chloride	Dimethylcarbamoyl Chloride
117840	Di-n-octyl phthalate	
29911282	Dipropylene Glycol Butyl Ether	
34590948	Dipropylene Glycol Methyl Ether	
64742525	Distillates (petroleum), Hydrotreated Heavy Naphthenic	
64742478	Distillates (petroleum), Hydrotreated Light	
5989275	d-Limonene	
27176870	Dodecylbenzenesulfonic Acid	
EPOXYRES	Epoxy Resins	
74840	Ethane	
64175	Ethanol	
141435	Ethanolamine	
112505	Ethoxytriglycol	Glycol Ethers
7085850	Ethyl 2-Cyanoacrylate	
141786	Ethyl Acetate	
140885	Ethyl Acrylate	Ethyl Acrylate
100414	Ethyl Benzene	Ethylbenzene
51796	Ethyl Carbamate Chloride	Ethyl Carbamate (Urethane) Chloride (Chloroethane)
75003	Ethyl Chloride	Ethyl Chloride
75081	Ethyl Mercaptan	
624895	Ethyl Methyl Sulfide	
74851	Ethylene	
106934	Ethylene Dibromide	Ethylene Dibromide (Dibromoethane)
107062	Ethylene Dichloride	Ethylene Dichloride (1,2-Dichloroethane)
107211	Ethylene Glycol	Ethylene Glycol
1559359	Ethylene Glycol 2-Ethylhexyl Ether	Glycol Ethers
3775857	Ethylene Glycol Bis(2,3-Epoxy-2-Methylpropyl) Ether	Glycol Ethers
7529273	Ethylene Glycol Diallyl Ether	Glycol Ethers
629141	Ethylene Glycol Diethyl Ether	Glycol Ethers
109864	Ethylene Glycol Methyl Ether	Glycol Ethers
622082	Ethylene Glycol Monobenzyl Ether	Glycol Ethers
111762	Ethylene Glycol Monobutyl Ether	
110496	Ethylene Glycol Monomethyl Ether Acetate	Glycol Ethers
7795917	Ethylene Glycol Mono-Sec-Butyl Ether	Glycol Ethers
764487	Ethylene Glycol Monovinyl Ether	Glycol Ethers
75218	Ethylene Oxide	Ethylene Oxide
96457	Ethylene Thiourea	Ethylene Thiourea
67425	Ethylenebis(Oxyethylenetriolo) Tetraacetic Acid	Glycol Ethers
10137969	Ethyleneglycol Mono-2-Methylpentyl Ether	Glycol Ethers
23495127	Ethyleneglycol Monophenyl Ether Propionate	Glycol Ethers
10137981	Ethyleneglycolmono-2,6,8-Trimethyl-4-Nonyl Ether	Glycol Ethers
151564	Ethyleneimine	Ethyleneimine (Aziridine)
75343	Ethylidene Dichloride (1,1-Dichloroethane)	Ethylidene Dichloride (1,1-Dichloroethane)
68409814	Fatty acids, C6-C19, branched, cobalt (2+) salts	Cobalt Compounds
13408623	Ferricyanide	Cyanide Compounds
1308312	Ferrochromite III	Chromium Compounds
383	Fine Mineral Fibers	Fine Mineral Fibers
16872110	Fluoboric acid	
206440	Fluoranthene	Polycyclic Organic Matter
86737	Fluorene	Polycyclic Organic Matter
7782414	Fluorine	
50000	Formaldehyde	Formaldehyde
110009	Furan	
99854	gamma-Terpinene	
65997173	Glass, Oxide	
613	Glasswool (Man-Made Fibers)	Fine Mineral Fibers
171	Glycol Ethers	Glycol Ethers
13967505	Gold (I) Potassium Cyanide	Cyanide Compounds
37187647	Gold Cyanide	Cyanide Compounds
64742945	Heavy Aromatic Solvent Naphtha (Petroleum)	
76448	Heptachlor	Heptachlor
28655712	Heptachlorobiphenyl	Polychlorinated Biphenyls (Aroclors)
142825	Heptane	
118741	Hexachlorobenzene	Hexachlorobenzene
26601649	Hexachlorobiphenyl	Polychlorinated Biphenyls (Aroclors)
87683	Hexachlorobutadiene	Hexachlorobutadiene
77474	Hexachlorocyclopentadiene	Hexachlorocyclopentadiene
67721	Hexachloroethane	Hexachloroethane
66251	Hexaldehyde	
822060	Hexamethylene Diisocyanate	Hexamethylene Diisocyanate
28182812	Hexamethylene Diisocyanate Homopolymer	
680319	Hexamethylphosphoramide	Hexamethylphosphoramide
110543	Hexane	Hexane
107835	Hexane Isomers (except n-Hexane)	
13586828	cobalt salt	Cobalt Compounds
136527	Hexanoic acid, 2-ethyl-, cobalt(2+) salt	Cobalt Compounds
302012	Hydrazine	Hydrazine
HC	Hydrocarbons	
7647010	Hydrochloric Acid	Hydrochloric Acid (Hydrogen Chloride (Gas Only))
7664393	Hydrogen Fluoride	Hydrogen Fluoride (Hydrofluoric Acid)
HFC	Hydrofluorocarbons	
12021953	Hydrofluozironic Acid	
74908	Hydrogen Cyanide	Cyanide Compounds
7783075	Hydrogen Selenide	Selenium Compounds
7783064	Hydrogen Sulfide	
61788327	Hydrogenated Terphenyl	
123319	Hydroquinone	Hydroquinone
95136	Indene	Polycyclic Organic Matter
193395	Indeno[1,2,3-c,d]Pyrene	Polycyclic Organic Matter
10043660	Iodine 131	Radionuclides (Including Radon)
7439896	Iron	
68187097	Iron Chromite Brown Spinel (C.I. Pigment Brown 35)	Chromium Compounds
12645497	Iron Manganese Zinc Oxide	Manganese Compounds
14038438	Iron(III) Ferrocyanide	Cyanide Compounds
75285	Isobutane	
78831	Isobutanol	
115117	Isobutene	
110190	Isobutyl Acetate	
4439241	Isobutyl Cellosolve	Glycol Ethers
513440	Isobutyl Mercaptan	
78842	Isobutyraldehyde	
ISOCYAN	Isocyanates	
78591	Isophorone	Isophorone
4098719	Isophorone Diisocyanate	
78795	Isoprene	
67630	Isopropanol	

75332	Isopropyl Mercaptan	
590863	Isovaleraldehyde	
8008206	Kerosene	
1302767	Kyanite	
1317368	Lead (II) Oxide	Lead Compounds
1314416	Lead (II, IV) Oxide	Lead Compounds
301042	Lead Acetate	Lead Compounds
7784409	Lead Arsenate	Lead Compounds
10031137	Lead Arsenite	Lead Compounds
65997184	Lead Bisilicate (Frits)	Lead Compounds
598630	Lead Carbonate	Lead Compounds
7758976	Lead Chromate	Lead Compounds
12656858	Lead Chromate Molybdate Sulfate (C.I. Pigment Red 104)	Lead Compounds
18454121	Lead Chromate Oxide	Lead Compounds
602	Lead Compounds (Inorganic)	Lead Compounds
603	Lead Compounds (Other Than Inorganic)	Lead Compounds
1309600	Lead Dioxide	Lead Compounds
13814965	Lead Fluoroborate	Lead Compounds
61790145	Lead Naphthenate	Lead Compounds
27253287	Lead Neodecanoate	Lead Compounds
10099748	Lead Nitrate	Lead Compounds
1335257	Lead Oxide	Lead Compounds
12141207	Lead Oxide Phosphonate	Lead Compounds
7446277	Lead Phosphate	Lead Compounds
7428480	Lead Stearate	Lead Compounds
1335326	Lead Subacetate	Lead Compounds
7446142	Lead Sulfate	Lead Compounds
12060003	Lead Titanate	Lead Compounds
12626812	Lead Titanate Zircon	Lead Compounds
64742898	Light Aliphatic Solvent Naphtha (Petroleum)	
7439932	Lithium	
14307358	Lithium Chromate	Chromium Compounds
1334787	m,p-Tolualdehyde	
7439954	Magnesium	
13423615	Magnesium Chromate	Chromium Compounds
14104859	Magnesium Dichromate	Chromium Compounds
1335268	Magnesium Peroxide	
108316	Maleic Anhydride	Maleic Anhydride
198	Manganese & Compounds	Manganese Compounds
598629	Manganese Carbonate	Manganese Compounds
1313139	Manganese Dioxide	Manganese Compounds
68186947	Manganese Ferrite Black Spinel (C.I. Pigment Black 26)	Manganese Compounds
1336932	Manganese Napthenate	Manganese Compounds
10377669	Manganese Nitrate	Manganese Compounds
7785877	Manganese Sulfate	Manganese Compounds
8030704	Manganese Tellate	Manganese Compounds
1317357	Manganese Tetroxide	Manganese Compounds
1317346	Manganese Trioxide	Manganese Compounds
7783166	Manganese(II) Hypophosphite Monohydrate	Manganese Compounds
12079651	Manganese, Tricarbonyl (.eta-5-2,4-cyclopentadien-1-yl)-	Manganese Compounds
108394	m-Cresol	Creso/Cresylic Acid (Mixed Isomers)
64742887	Medium Aliphatic Solvent Naphtha (Petroleum)	
149304	Mercaptobenzothiazole	
7487947	Mercuric Chloride	Mercury Compounds
21908532	Mercuric Oxide	Mercury Compounds
199	Mercury & Compounds	Mercury Compounds
22967926	Mercury (Organic)	Mercury Compounds
62384	Mercury Acetato Phen	Mercury Compounds
CH4	Methane	
75718	Methane, Dichlorodifluoro-	
67561	Methanol	Methanol
72435	Methoxychlor	Methoxychlor
111104	Methoxyethyl Oleate	Glycol Ethers
112356	Methoxytriglycol	Glycol Ethers
137053	Methyl 2-Cyanoacrylate	
110430	Methyl Amyl Ketone	
74839	Methyl Bromide	Methyl Bromide (Bromomethane)
140056	Methyl Cellosolve Acetylricinoleate	Glycol Ethers
3121617	Methyl Cellosolve Acrylate	Glycol Ethers
74873	Methyl Chloride	Methyl Chloride (Chloromethane)
71556	Methyl Chloroform	Methyl Chloroform (1,1,1-Trichloroethane)
78933	Methyl Ethyl Ketone	
74884	Methyl Iodide	Methyl Iodide (Iodomethane)
108101	Methyl Isobutyl Ketone	Methyl Isobutyl Ketone (Hexone)
624839	Methyl Isocyanate	Methyl Isocyanate
593759	Methyl Isocyanide	Cyanide Compounds
74931	Methyl Mercaptan	
593748	Methyl Mercury	Mercury Compounds
80626	Methyl Methacrylate	Methyl Methacrylate
1634044	Methyl Tert-Butyl Ether	Methyl Tert-Butyl Ether
616444	Methyl Thiophene	
26914181	Methylantracene	Polycyclic Organic Matter
65357699	Methylbenzopyrene	Polycyclic Organic Matter
41637905	Methylchrysene	Polycyclic Organic Matter
108872	Methylcyclohexane	
96377	Methylcyclopentane	
74953	Methylene Bromide	
75092	Methylene Chloride	Methylene Chloride (Dichloromethane)
142	Methylene Chloride Soluble Organics (MCSO)	Coke Oven Emissions
60344	Methylhydrazine	Methylhydrazine
7439987	Molybdenum	
1313275	Molybdenum Oxide	
27323188	Monochlorobiphenyl	
MONO	Monoterpenes	
108383	m-Xylene	Xylenes (Mixed Isomers)
121697	N,N-Dimethylaniline	N,N-Dimethylaniline
68122	N,N-Dimethylformamide	N,N-Dimethylformamide
8030306	Naphtha	
91203	Naphthalene	Naphthalene
123864	n-Butyl Acetate	
2426086	n-Butyl Glycidyl Ether	
109795	n-Butyl Mercaptan	
37244965	Nepheline Syenite	
2201152	N-Ethyl-1-Phenyl-Cyclohexanamine	
112594	N-Hexyl Carbitol	Glycol Ethers
226	Nickel & Compounds	Nickel Compounds
10101970	Nickel (II) Sulfate Hexahydrate	Nickel Compounds
14336700	Nickel 59	Nickel Compounds
373024	Nickel Acetate	Nickel Compounds
8007189	Nickel Antimony Titanium Oxide (C.I. Pigment Yellow 53)	Nickel Compounds

13462889	Nickel Bromide	Nickel Compounds
12710360	Nickel Carbide	Nickel Compounds
3333673	Nickel Carbonate	Nickel Compounds
13463393	Nickel Carbonyl	Nickel Compounds
7718549	Nickel Chloride	Nickel Compounds
6018899	Nickel Diacetate TET	Nickel Compounds
12054487	Nickel Hydroxide	Nickel Compounds
13138459	Nickel Nitrate	Nickel Compounds
604	Nickel Refinery Dust	Nickel Compounds
12035722	Nickel Subsulfide	Nickel Compounds
13770893	Nickel Sulfamate	Nickel Compounds
7786814	Nickel Sulfate	Nickel Compounds
15751005	Nickel(2+), hexakis(1H-imidazole-kappa.N3)-, dichloride, (OC-6-11)-	Nickel Compounds
1313991	Nickel(II) Oxide	Nickel Compounds
1314063	Nickel(III) Oxide	Nickel Compounds
1271289	Nickelocene	Nickel Compounds
Nitrate	Nitrate Compounds	
7697372	Nitric Acid	
98953	Nitrobenzene	Nitrobenzene
10102440	Nitrogen Dioxide	
NOX	Nitrogen Oxides	
N2O	Nitrous Oxide	
872504	N-Methyl-2-Pyrrolidone	
62759	N-Nitrosodimethylamine	N-Nitrosodimethylamine
59892	N-Nitrosomorpholine	N-Nitrosomorpholine
684935	N-Nitroso-N-Methylurea	N-Nitroso-N-Methylurea
53742077	Nonachlorobiphenyl	Polychlorinated Biphenyls (Aroclors)
111842	Nonane	
106945	n-Propyl Bromide	
107039	n-Propyl Mercaptan	
103651	n-Propylbenzene	
90040	o-Anisidine	o-Anisidine
95578	o-Chlorophenol	
95487	o-Cresol	Cresol/Cresylic Acid (Mixed Isomers)
55722264	Octachlorobiphenyl	Polychlorinated Biphenyls (Aroclors)
111659	Octane	
112801	Oleic Acid	
529204	o-Tolualdehyde	
95534	o-Toluidine	o-Toluidine
2768323	{oxiranylmethyl}-	
95476	o-Xylene	Xylenes (Mixed Isomers)
130498292	PAH, total	Polycyclic Organic Matter
56382	Parathion	Parathion
106445	p-Cresol	Cresol/Cresylic Acid (Mixed Isomers)
99876	p-Cymene	
105055	p-Diethylbenzene	
123911	p-Dioxane	p-Dioxane
25429292	Pentachlorobiphenyl	Polychlorinated Biphenyls (Aroclors)
82688	Pentachloronitrobenzene	Pentachloronitrobenzene (Quintobenzene)
87865	Pentachlorophenol	Pentachlorophenol
109660	Pentane	
590352	Pentane, 2,2-dimethyl-	
562492	Pentane, 3,3-dimethyl-	
PFC	Perfluorocarbons	
10101505	Permanganic acid	Manganese Compounds
198550	Perylene	Polycyclic Organic Matter
85018	Phenanthrene	Polycyclic Organic Matter
108952	Phenol	Phenol
N	Phenol Formaldehyde Resin with Hexamethylenetetramine	
28064144	Phenol, Polymer with Formaldehyde, Glycidyl Ether	
122996	Phenyl Cellosolve	Glycol Ethers
103719	Phenyl Isocyanate	
75445	Phosgene	Phosgene
7803512	Phosphine	Phosphine
7789040	Phosphoric Acid Chromium (+3) Salt	Chromium Compounds
13455362	Phosphoric acid, cobalt(2+) salt (2:3)	Cobalt Compounds
13011546	Phosphoric acid, monoammonium monosodium salt	
92203026	Chromium Oxide [CrO3]	Chromium Compounds
7723140	Phosphorus	Phosphorus
398	Phosphorus & Compounds	
85449	Phthalic Anhydride	Phthalic Anhydride
1336363	Polychlorinated Biphenyls	Polychlorinated Biphenyls (Aroclors)
246	Polycyclic Organic Matter	Polycyclic Organic Matter
T	PolyEpoxy Resin AminophenylFluorene Curing Agent	
27252875	Polyethylene Glycol Allyl Ether Acetate	
25852475	lycol dimethacrylate	
ISOXYANP	Polyisocyanates	
9016879	Polymeric Diphenylmethane Diisocyanate	
9003081	Polymerized Melamine Molding Compound	
7440097	Potassium	
7789006	Potassium Chromate	Chromium Compounds
151508	Potassium Cyanide	Cyanide Compounds
7778509	Potassium Dichromate	Chromium Compounds
13746662	Potassium Ferricyanide	Cyanide Compounds
13943583	Potassium Ferrocyanide	Cyanide Compounds
1310583	Potassium Hydroxide	
14220178	Potassium Nickel Cyanide	Nickel Compounds
7722647	Potassium permanganate	Manganese Compounds
506616	Potassium Silver Cyanide	Cyanide Compounds
106503	p-Phenylenediamine	p-Phenylenediamine
463490	Propadiene	
74986	Propane	
123386	Propionaldehyde	Propionaldehyde
114261	Propoxur	Propoxur (Baygon)
2807309	Propyl Cellosolve	Glycol Ethers
115071	Propylene	
78875	Propylene Dichloride	Propylene Dichloride (1,2-Dichloropropane)
107982	Propylene Glycol 1-Methyl Ether	
108656	Acetate)	
5131668	Propylene Glycol n-Butyl Ether	
57018527	Propylene Glycol Tert-Butyl Ether	
75569	Propylene Oxide	Propylene Oxide
106423	p-Xylene	Xylenes (Mixed Isomers)
129000	Pyrene	Polycyclic Organic Matter
110861	Pyridine	
14808607	Quartz	
91225	Quinoline	Quinoline
106514	Quinone	Quinone (p-Benzoquinone)
605	Radionuclides	Radionuclides (Including Radon)
400	Radionuclides (Including Radon)	Radionuclides (Including Radon)

606	Radon And Its Decay Products	Radionuclides (Including Radon)
142844006	Refractory Ceramic Fiber	
483658	Retene	Polycyclic Organic Matter
1314289	Rhenium Oxide	
617	Rockwool (Man-Made Fibers)	Fine Mineral Fibers
81072	Saccharin	
253	Selenium & Compounds	Selenium Compounds
7446084	Selenium Dioxide	Selenium Compounds
7488564	Selenium Disulfide	Selenium Compounds
7783791	Selenium Hexafluoride	Selenium Compounds
7446346	Selenium Monosulfide	Selenium Compounds
12640890	Selenium Oxide	Selenium Compounds
7783008	Selenous Acid	Selenium Compounds
7631869	Silica	
7440213	Silicon	
112945525	Silicon Dioxide	
7440224	Silver	
506649	Silver Cyanide	Cyanide Compounds
616	Slagwool (Man-Made Fibers)	Fine Mineral Fibers
7440235	Sodium	
1333831	Sodium Bifluoride	
7775113	Sodium Chromate	Chromium Compounds
10034829	Sodium Chromate(VI)	Chromium Compounds
143339	Sodium Cyanide	Cyanide Compounds
10588019	Sodium Dichromate	Chromium Compounds
16925250	Sodium Hexafluoroantimonate	Antimony Compounds
1310732	Sodium Hydroxide	
7631994	Sodium Nitrate	
STLITE	Staurolite	
8052413	Stoddard Solvent	
7440246	Strontium	
7789062	Strontium Chromate	Chromium Compounds
100425	Styrene	Styrene
96093	Styrene Oxide	Styrene Oxide
14808798	Sulfate	
18496258	Sulfide	
7704349	Sulfur	
SO2	Sulfur Dioxide	
SF6	Sulfur Hexafluoride	
7664939	Sulfuric Acid	
26140603	Terphenyl	
994058	tert-Amyl Methyl Ether	
75650	tert-Butanol (2-Propanol, 2-Methyl-)	
540885	tert-Butyl Acetate	
75661	tert-Butyl Mercaptan	
26914330	Tetrachlorobiphenyl	Polychlorinated Biphenyls (Aroclors)
127184	Tetrachloroethylene	Tetrachloroethylene (Perchloroethylene)
78002	Tetraethyl Lead	Lead Compounds
110010	Tetrahydrothiophene	
7440280	Thallium	Radionuclides (Including Radon)
110021	Thiophene	
7440291	Thorium-232	Radionuclides (Including Radon)
7440315	Tin	
7440326	Titanium	
13463677	Titanium Dioxide	
7550450	Titanium Tetrachloride	Titanium Tetrachloride
108883	Toluene	Toluene
26471625	Toluene Diisocyanates (mixture)	
95807	Toluene-2,4-Diamine	Toluene-2,4-Diamine
TF	Total Fluorides	
TRS	Total Reduced Sulfur	
TRS (H2S)	Total Reduced Sulfur (as H2S)	
TRS as S	Total Reduced Sulfur (as S)	
8001352	Toxaphene	Toxaphene (Chlorinated Camphene)
123739	trans-Crotonaldehyde	
37680685	Trichlorobiphenyl	Polychlorinated Biphenyls (Aroclors)
79016	Trichloroethylene	Trichloroethylene
75694	Trichlorofluoromethane	
121448	Triethylamine	Triethylamine
112276	Triethylene glycol	Glycol Ethers
112492	Triethylene Glycol Dimethyl Ether	Glycol Ethers
1582098	Trifluralin	Trifluralin
143226	Triglycol Monobutyl Ether	Glycol Ethers
7756947	Triisobutylene	
25551137	Trimethylbenzene	
15625895	Trimethylolpropane Triacrylate	
7440611	Uranium	Radionuclides (Including Radon)
1344576	Uranium Dioxide	Radionuclides (Including Radon)
7783815	Uranium Hexafluoride	Radionuclides (Including Radon)
1344598	Uranium Oxide	Radionuclides (Including Radon)
541093	Uranyl Acetate	Radionuclides (Including Radon)
110623	Valeraldehyde	
7440622	Vanadium	
108054	Vinyl Acetate	Vinyl Acetate
593602	Vinyl Bromide	Vinyl Bromide
75014	Vinyl Chloride	Vinyl Chloride
75354	Vinylidene Chloride	Vinylidene Chloride (1,1-Dichloroethylene)
VOC	Volatile Organic Compounds	
1330207	Xylenes (Mixture of o, m, and p isomers)	Xylenes (Mixed isomers)
7440655	Yttrium	
7440666	Zinc	
13530659	Zinc Chromate	Chromium Compounds
50922297	Zinc Chromite	Chromium Compounds
557211	Zinc Cyanide	Cyanide Compounds
68186889	Zinc Iron Chromite Brown Spinel (C.I. Pigment Brown 33)	Chromium Compounds
7779900	Zinc Phosphate	
37224570	Zinc Potassium Chromate	Chromium Compounds
11103869	Zinc Potassium Chromate Hydroxide	Chromium Compounds
14940682	Zircon	

Exhibit A

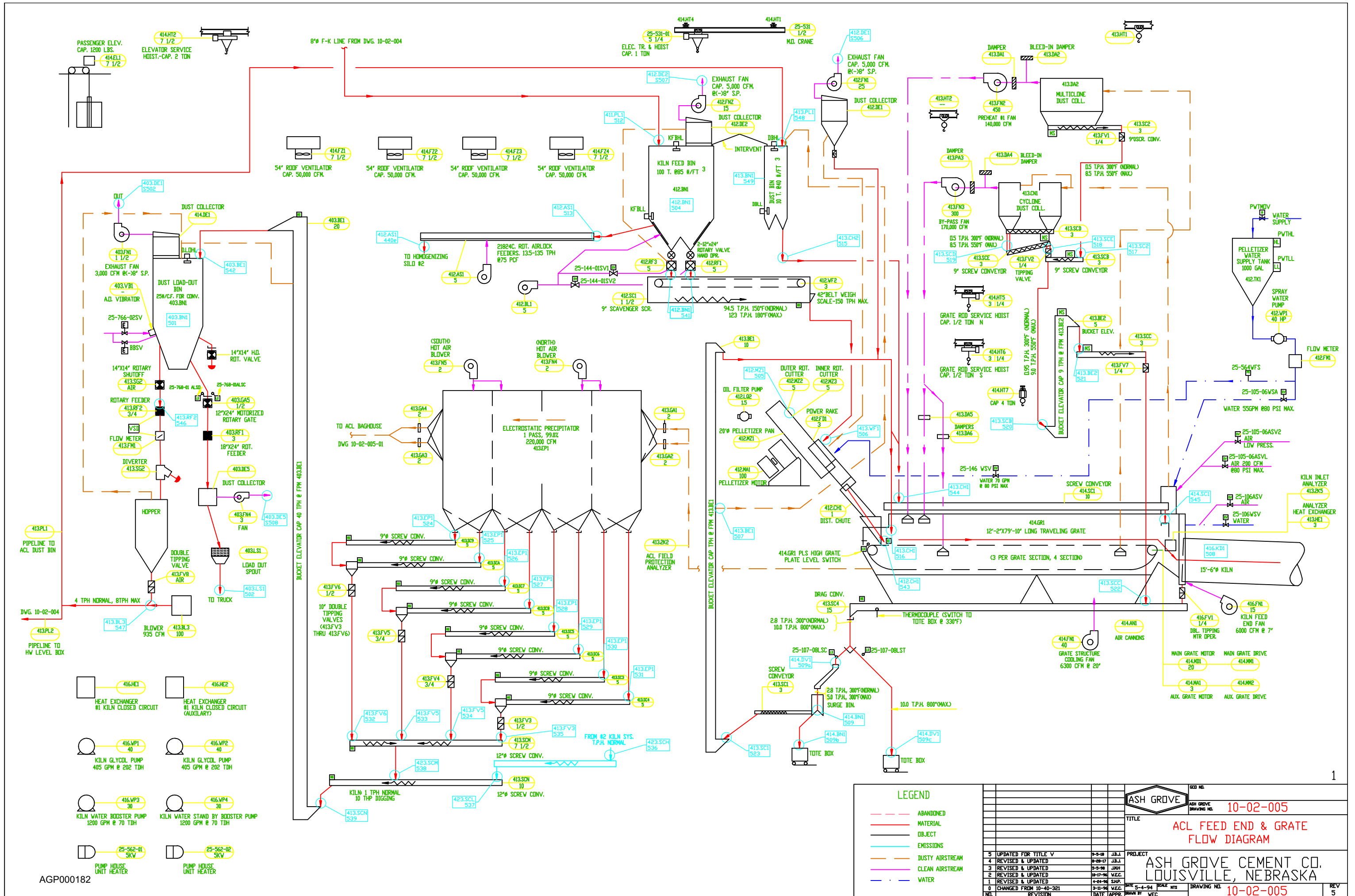


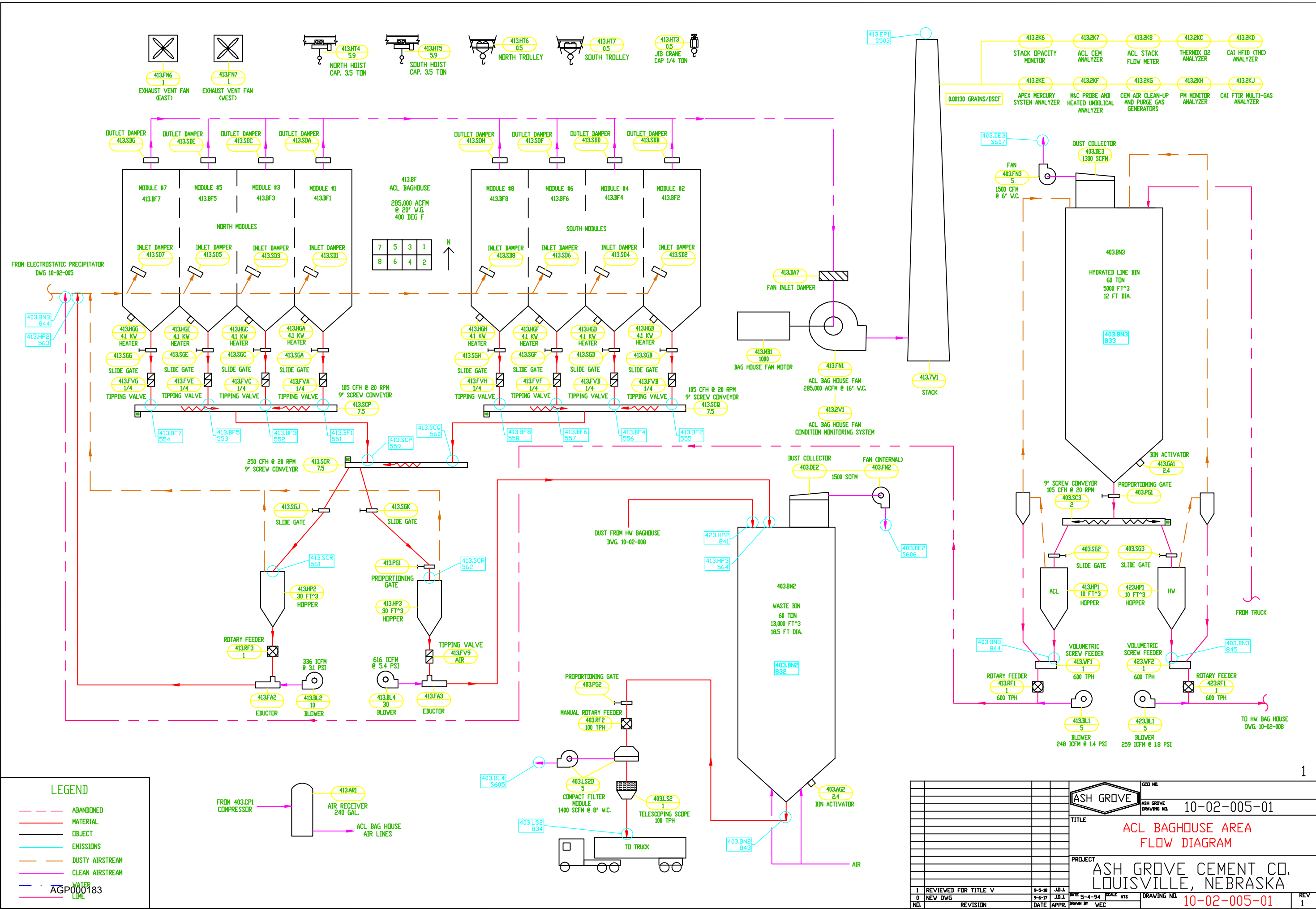
AGC LOUISVILLE PLANT
FLOW DIAGRAMS COVER SHEET

DWG.	TITLE	DWG.	TITLE
10-02-002	RAW MATERIAL HANDLING AND PLANT INTERCONNECTION FLOW DIAGRAM	10-02-013	FINISH MILL NO. 1 FLOW DIAGRAM
10-02-002-01	RAW MATERIAL HANDLING AND PLANT INTERCONNECTION FLOW DIAGRAM CONT.	10-02-014	FINISH MILL NO. 2 FLOW DIAGRAM
10-02-003	RAW MILL FLOW DIARGRAM	10-02-014-01	FLY ASH TO FINISH MILL SYSTEM FLOW DIAGRAM
10-02-004	KILN FEED SYSTEM FLOW DIAGRAM	10-02-014-02	SYNTHETIC GYPSUM FLOW DIAGRAM
10-02-005	ACL FEED END AND PREHEAT GRATE FLOW DIAGRAM	10-02-014-03	CEMENT STORAGE FLOW DIAGRAM
10-02-005-01	ACL BAGHOUSE AREA FLOW DIAGRAM	10-02-015	RAIL SILOS 1-16 (ABANDONED) FLOW DIAGRAM
10-02-006	ACL BURNER END AND DISTRIBUTION FLOW DIAGRAM	10-02-016	RAIL SILO 17-22 FLOW DIAGRAM
10-02-007	HW KILN PREHEATER FLOW DIAGRAM	10-02-017	RAIL SILO 23-28 FLOW DIAGRAM
10-02-008	HW PREHEATER DEDUSTING FLOW DIAGRAM	10-02-018	SOUTH SIDE SILO 26-28 BULK TRUCK & RAIL LOADING FLOW DIAGRAM
10-02-009	HW CLINKER COOLER FLOW DIAGRAM	10-02-018-01	SOUTH SIDE SILO 23-25 BULK TRUCK & RAIL LOADING FLOW DIAGRAM
10-02-010	RAIL RECEIVING AND COAL HANDLING FLOW DIAGRAM	10-02-019	RAIL SILO 29-34 FLOW DIAGRAM
10-02-010-01	FLY ASH RAIL UNLOADING FLOW DIAGRAM	10-02-019-01	RAIL SILO 29-34 TO SOUTH SIDE LOADING FLOW DIAGRAM
10-02-011	HW COAL GRINDING FLOW DIAGRAM	10-02-020	TRUCK SILO BULK STORAGE FLOW DIAGRAM
10-02-012	FINISH MILL FEED ADDITIVES FLOW DIAGRAM	10-02-022	DOME CEMENT STORAGE FLOW DIAGRAM
		10-02-023	PLANT AIR COMPRESSORS

						GCD NO.	
				ASH GROVE		DRAWING NO. 10-02-001	
				TITLE			
				AGC LOUISVILLE PLANT FLOW DIAGRAMS COVER SHEET			
				PROJECT			
				ASH GROVE CEMENT CO. LOUISVILLE, NEBRASKA			
0 FIRST ISSUE		10-02-17		J.B.J.		DATE 10-20-17 SCALE NTS	
REV		REVISION		DATE		APPR. DRAWN BY J.B.J.	
				DRAWING NO. 10-02-001		REV 0	







LEGEND

ABANDONED

MATERIAL

OBJECT

EMISSIONS

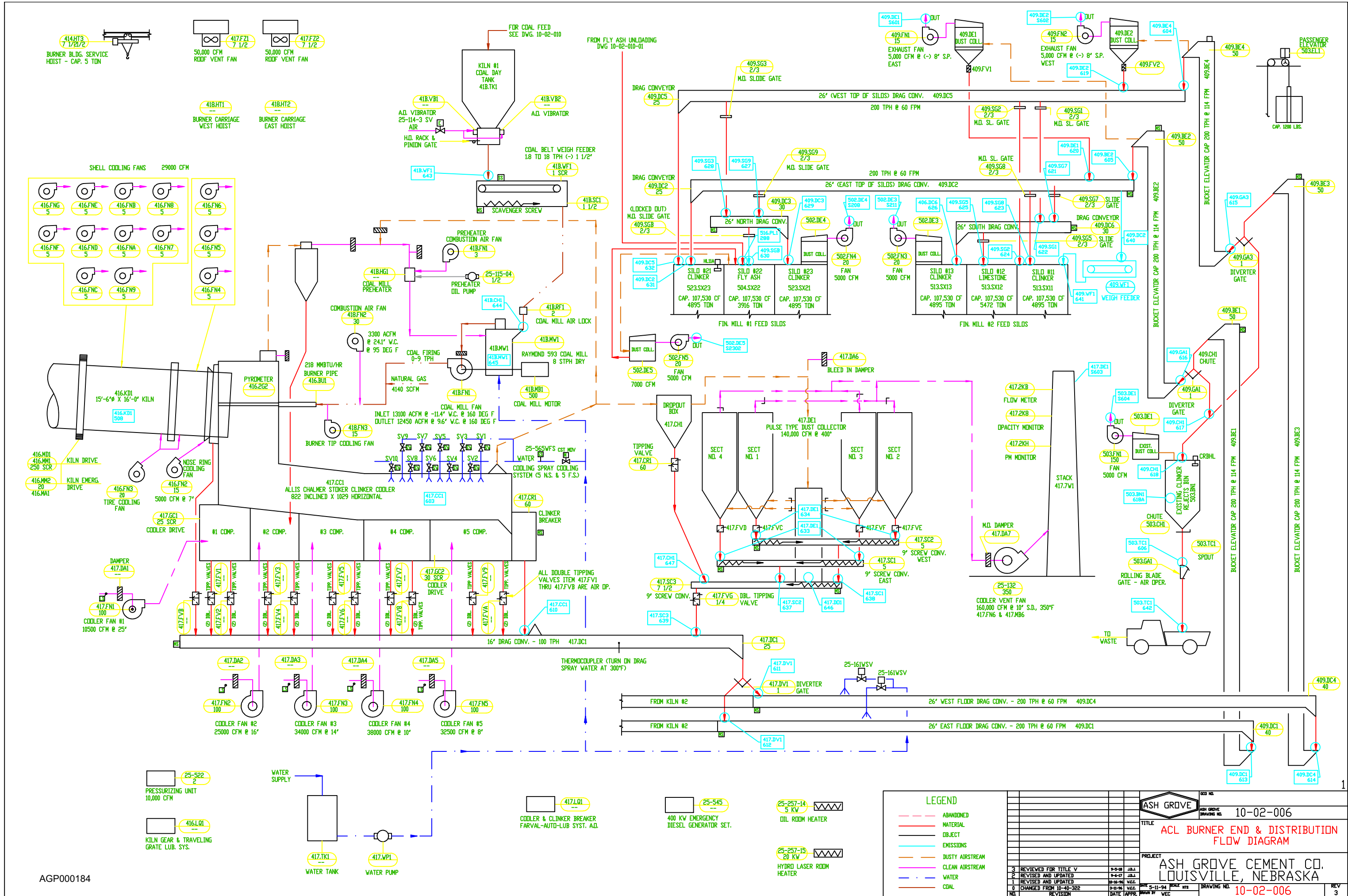
DUSTY AIRSTREAM

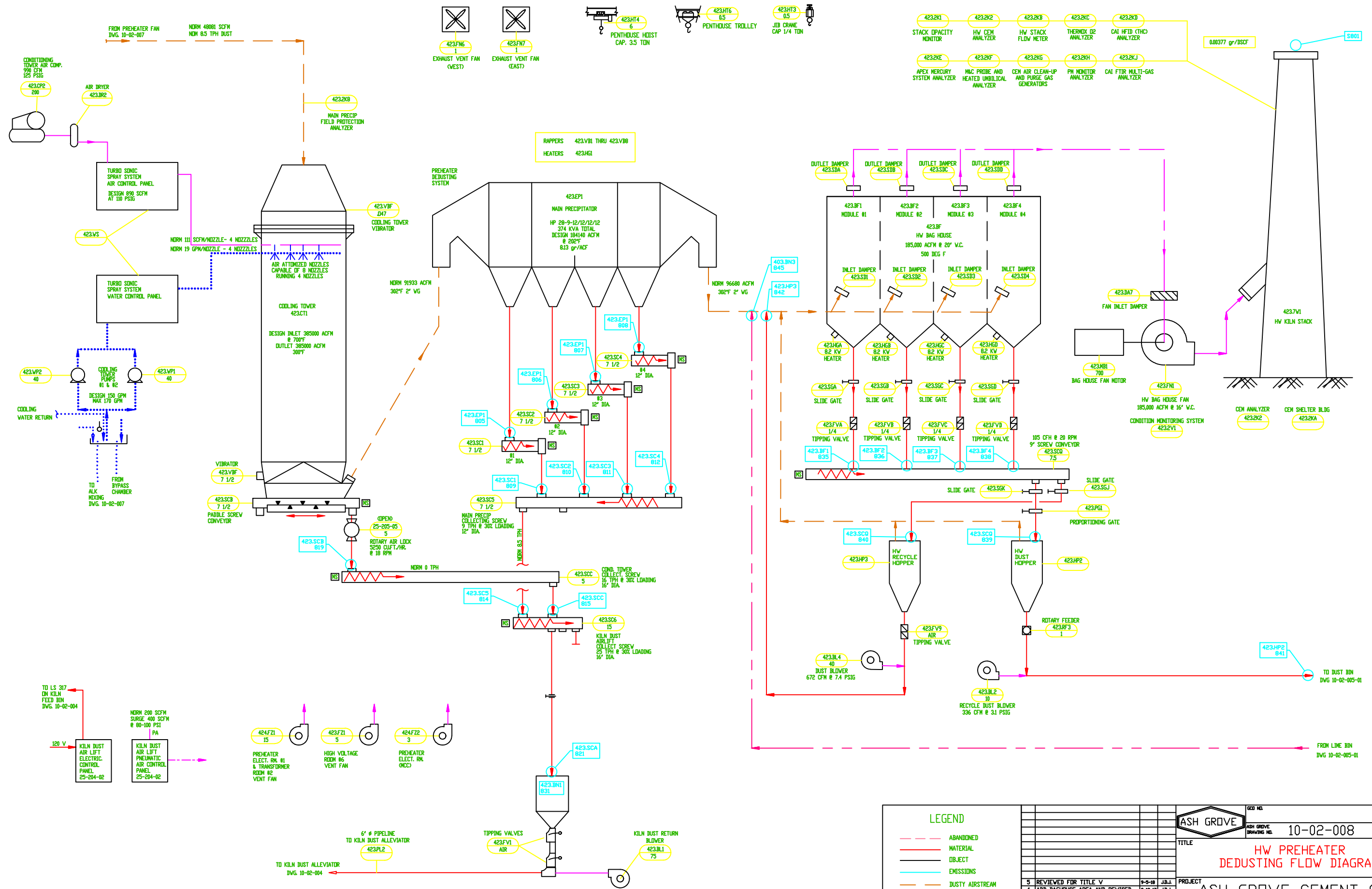
CLEAN AIRSTREAM

WATER LINE

AGP000183

ASH GROVE		10-02-005-01	
TITLE		ACL BAGHOUSE AREA FLOW DIAGRAM	
PROJECT		ASH GROVE CEMENT CO. LOUISVILLE, NEBRASKA	
1	REVIEWED FOR TITLE V	9-5-10	J.D.L.
0	NEW DWG	9-6-17	J.D.L.
REVISION		DATE	APPR.
DRAWN BY		WEC	NTS
DRAWING NO.		10-02-005-01	
REV		1	





AGP000186

LEGEND

- ABANDONED
- MATERIAL
- OBJECT
- EMISSIONS
- DUSTY AIRSTREAM
- CLEAN AIRSTREAM
- WATER
- LIME

5	REVIEWED FOR TITLE V	9-5-18	J.D.J.
4	ADD BAGHOUSE AREA AND REVISED	9-18-17	J.D.J.
3	ADD TPG VLVS TO DUST RETURN	3-6-09	BLM
2	ADD TURBO SONIC SPRAY SYS	1-16-03	BLM
1	ADD 25-206-23 & RMV 25-206-24	11-19-91	BLM
0	CHANGED FROM 10-40-330	9-11-96	WEC
NL	REVISION	DATE	APPR.

ASH GROVE

10-02-008

TITLE

HW PREHEATER DEDUSTING FLOW DIAGRAM

PROJECT

ASH GROVE CEMENT CO. LOUISVILLE, NEBRASKA

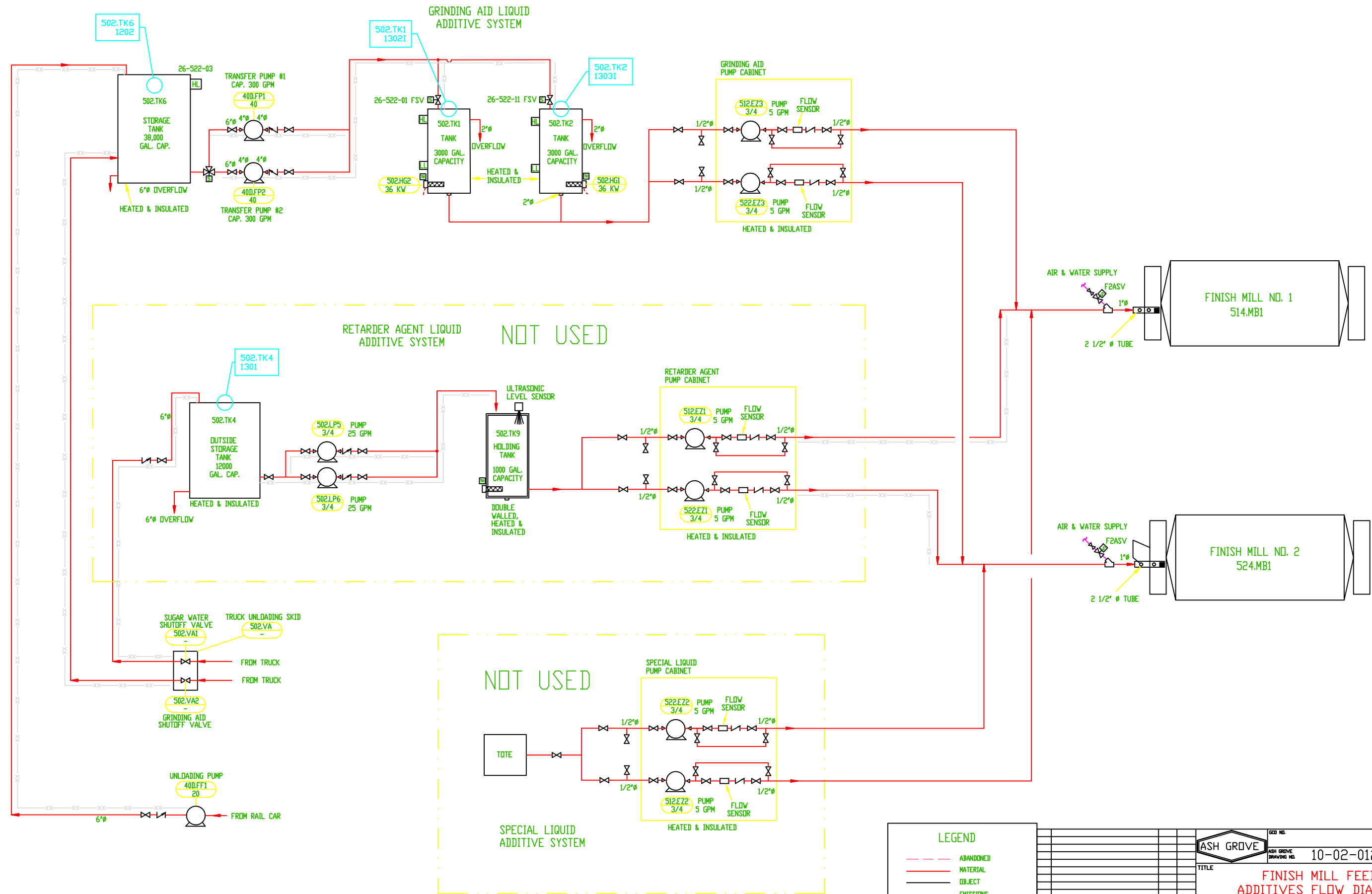
DATE 5-27-94

SCALE NTS

DRAWING NO. 10-02-008

REV 5

REV
2

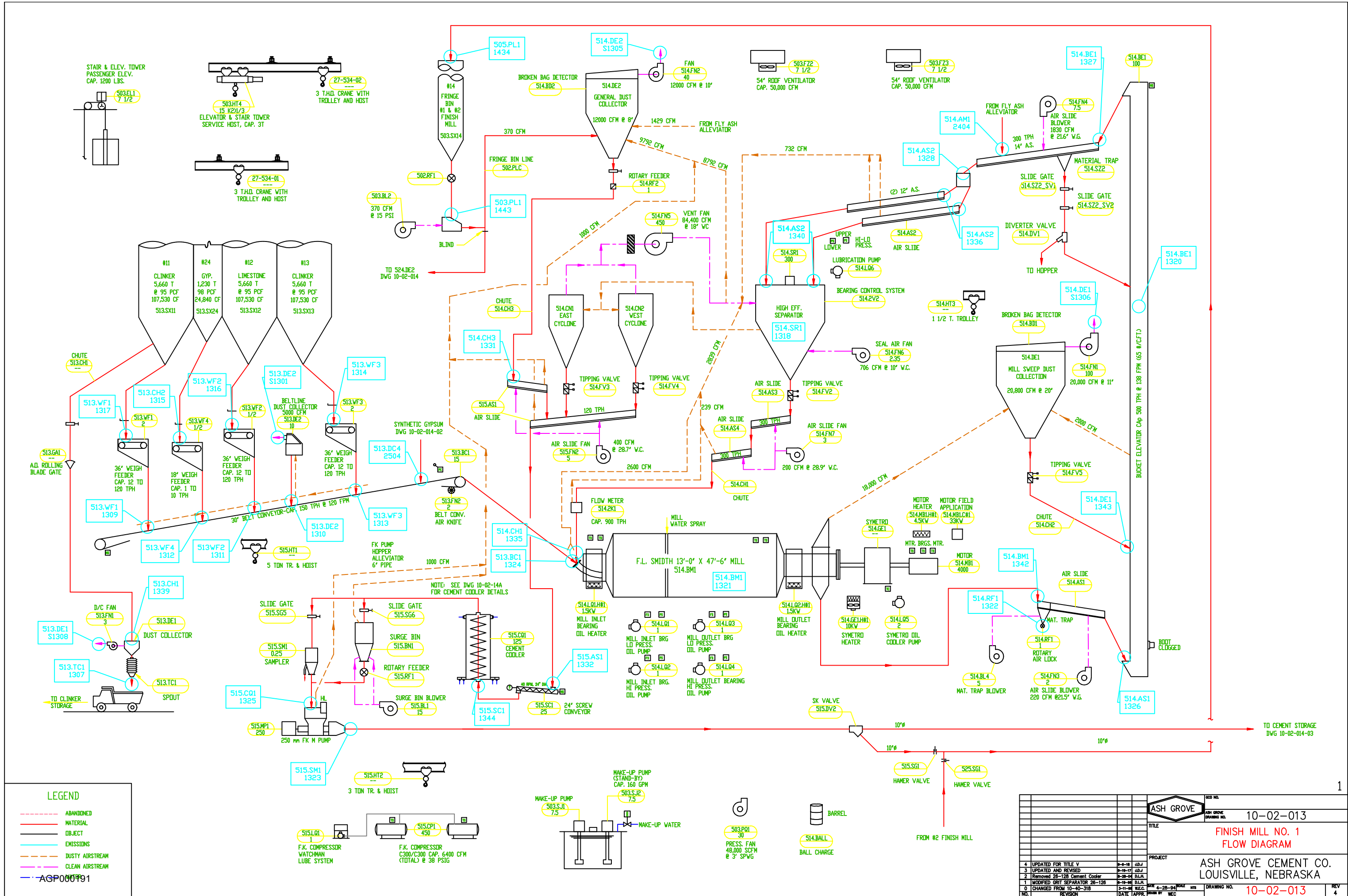


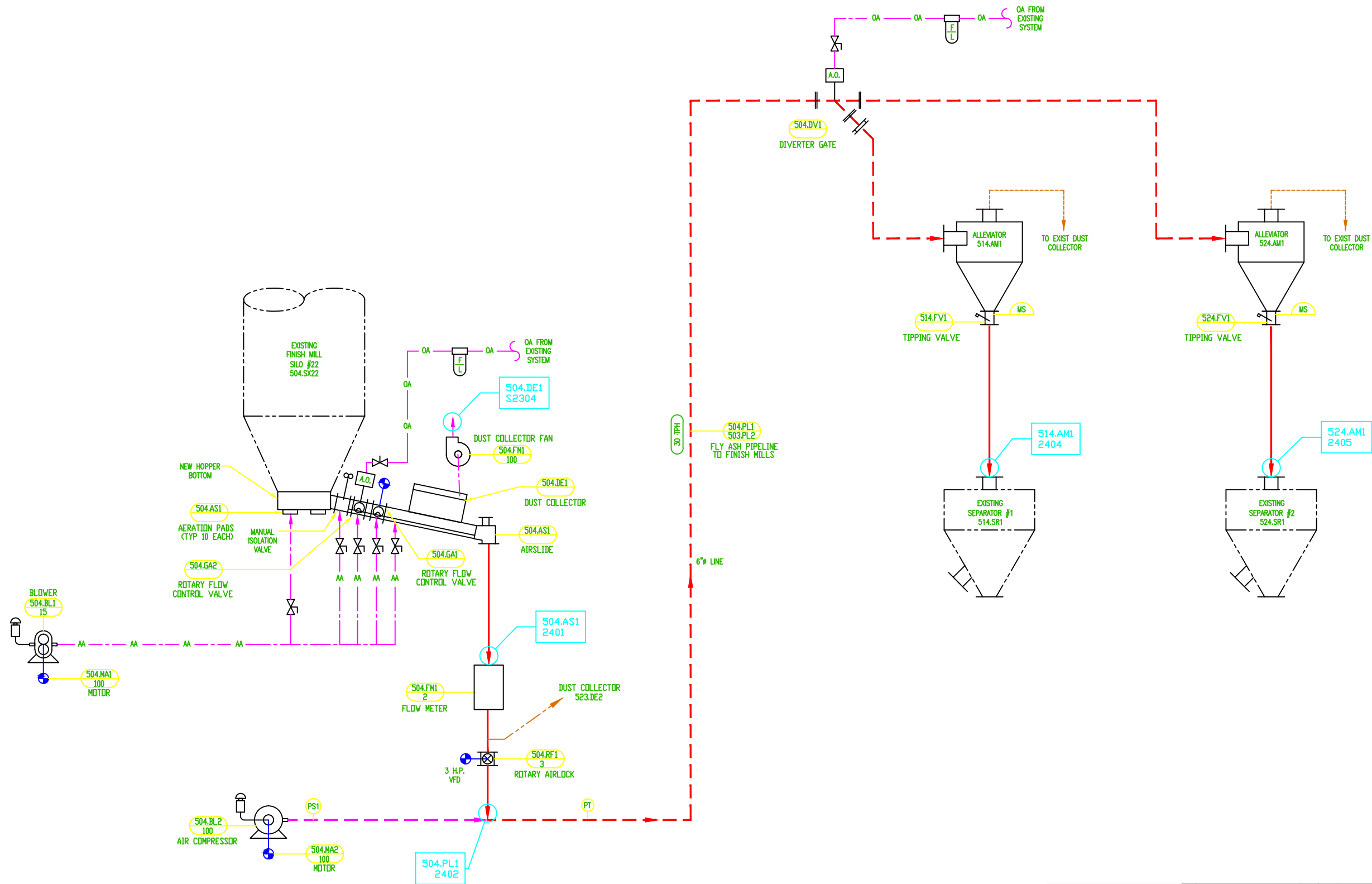
AGP000190

LEGEND	
---	ABANDONED
---	MATERIAL
---	OBJECT
---	EMISSIONS
---	DUSTY AIRSTREAM
---	CLEAN AIRSTREAM
---	INSULATION

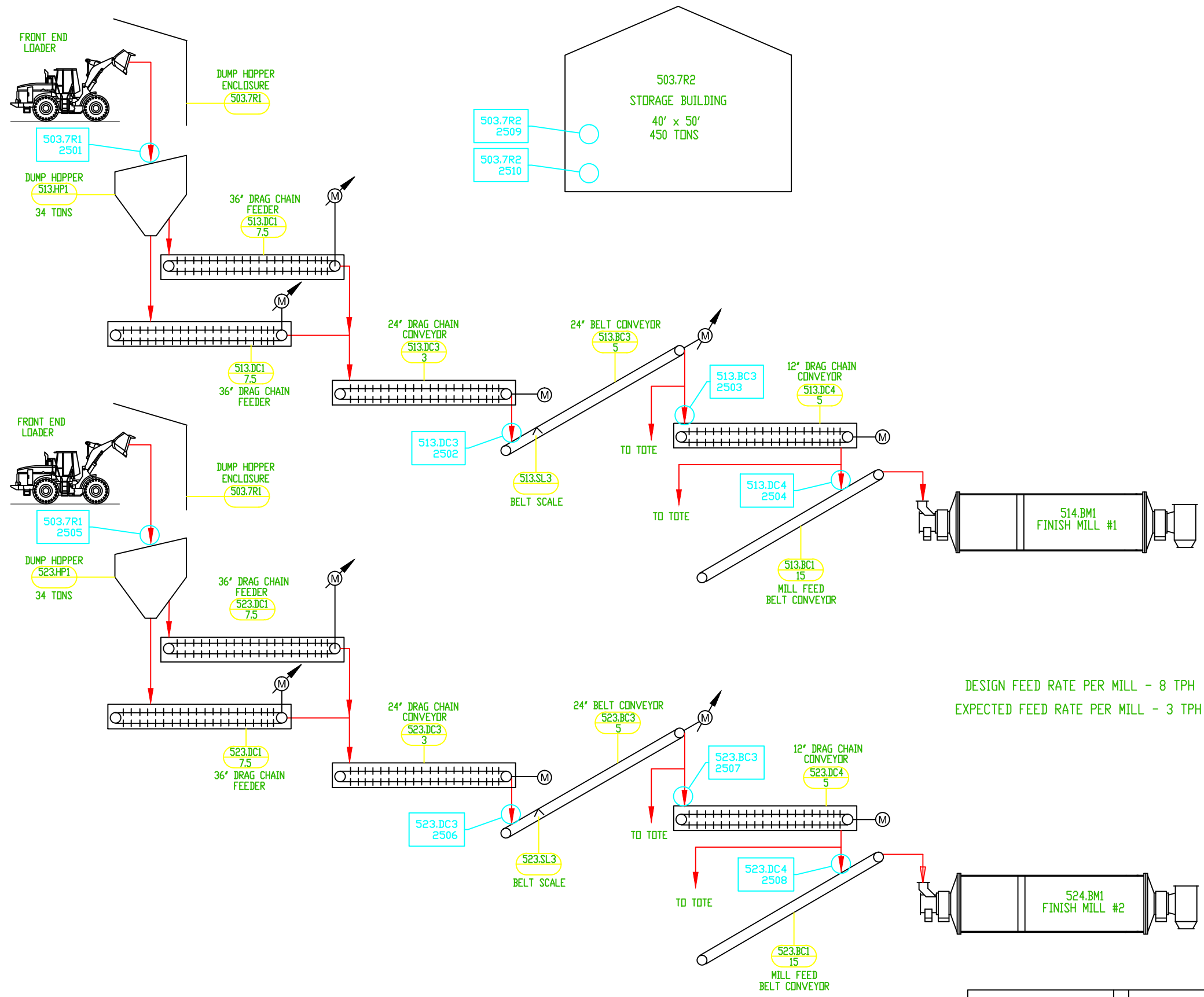
4		UPDATED FOR TITLE V	9-5-10	J.D.J.
3		UPDATED AND REVISED	10/2/17	J.D.J.
2		OUTSIDE STORAGE TANK PUMPS	5/21/13	B.J.V.
1		CHANGED FROM 10 TO 25 GPM		
0		DELETED AIR ENTRAIN ADDITIVE AND		
0		ADDED RETARDER ADDITIVE SYSTEM	10/1/02	B.C.E.
0		CHANGED FROM 10-40-323	9-11-94	W.E.C.
0		REVISION	DATE	APPR.

ASH GROVE		DRAWING NO.	10-02-012
TITLE		FINISH MILL FEED ADDITIVES FLOW DIAGRAM	
PROJECT		ASH GROVE CEMENT CO. LOUISVILLE, NEBRASKA	
DATE	5-11-94	SCALE	NTS
DRAWN BY	WEC	DATE	APPR.
REV		4	





LEGEND --- ABANDONED — MATERIAL — OBJECT — EMISSIONS — DUSTY AIRSTREAM — CLEAN AIRSTREAM — WATER		ASH GROVE 10-02-014-01	
		FLY ASH TO FINISH MILL SYSTEM FLOW DIAGRAM	
PROJECT ASH GROVE CEMENT CO. LOUISVILLE, NEBRASKA		DRAWING NO. 10-02-014-01 REV 1	
1	REVIEWED FOR TITLE V	0-5-10	J.D.
0	FIRST ISSUE	0-10-11	J.D.
NO.	REVISION	DATE	APPR.



DESIGN FEED RATE PER MILL - 8 TPH
EXPECTED FEED RATE PER MILL - 3 TPH

<div>LEGEND</div> <div><div>----</div>ABANDONED</div> <div><div>----</div>MATERIAL</div> <div><div>----</div>OBJECT</div> <div><div>----</div>EMISSIONS</div> <div><div>----</div>DUSTY AIRSTREAM</div> <div><div>----</div>CLEAN AIRSTREAM</div> <div><div>----</div>WATER</div>								SOD NO.																	
								ASH GROVE DRAWING NO.																	
								10-02-014-02																	
						TITLE		SYNTHETIC GYPSUM FLOW DIAGRAM																	
						PROJECT		ASH GROVE CEMENT CO. LOUISVILLE, NEBRASKA																	
1		REVIEWED FOR TITLE V		8-5-18		J.D.A.		DATE		8-18-17		J.D.A.		SODL		MYS		DRAWING NO.		10-02-014-02		REV		1	
0		FIRST ISSUE		8-18-17		J.D.A.		DRAWN BY		J.D.J.															
NO.		REVISION		DATE		APPR.																			

Exhibit B

NEBRASKA

Good Life. Great Resources.

DEPT. OF ENVIRONMENT AND ENERGY



AIR QUALITY CLASS I OPERATING PERMIT

PERMIT NUMBER: OP08R1-019

NDEE ID: 4129

Program ID: AIR 025 00002

Permit Issued To: Ash Grove Cement Company
Name of Source in Application: Ash Grove Cement Company

Mailing Address: 16215 Highway 50, Louisville, Nebraska 68037-2881
Source Location: 16215 Highway 50, Louisville, Cass County, Nebraska

Project Description: This operating permit approves the operation of a Portland cement company and associated quarry.

Standard Industrial Classification (SIC) Code(s): 3241 Cement, Hydraulic; 1422, Crushed and Broken Limestone

Superseded Operating Permit(s): Operating permits #OPSP-0124 issued October 13, 2003 and OPSPMOD-0050 issued October 17, 2007

Pursuant to Title 129, Chapter 14, of the Nebraska Air Quality Regulations, the public has been notified by prominent advertisement of the proposed operation of an air contaminant source and the thirty (30) day period allowed for comments has elapsed. This Operating Permit approves the operation of a Portland Cement Plant and associated quarries. This Operating Permit approves the operation of this source as identified in the Air Quality Operating Permit Application #08R1-019 received April 11, 2008, and its update received November 19, 2013, including any supporting information received prior to issuance of this permit. Additional details on the source, including estimated pollutant emissions, can be found in the accompanying Fact Sheet.

Compliance with this permit shall not be a defense to any enforcement action for violation of an ambient air quality standard. Unless otherwise noted the conditions of this permit are enforceable by the United States Environmental Protection Agency (USEPA) and the Nebraska Department of Environment and Energy (NDEE). The permit holder, owner, and operator of the source shall assure compliance with all of the terms and conditions in this permit and the Attachments.

The undersigned issues this document on behalf of the NDEE Director in accordance with Title 129 – Nebraska Air Quality Regulations.

July 16, 2019

Date

Kevin Stoner
Kevin Stoner, Administrator
Air Quality Division



op004129p02-0
Total Pages: 46

Department of Environment and Energy

P.O. Box 98922
Lincoln, Nebraska 68509-8922
AGP000196

Jim Macy, Director

OFFICE 402-471-2186 FAX 402-471-2909
ndeq.moreinfo@nebraska.gov

TABLE OF CONTENTS

Permit Signature Page i

Table of Contentsii

Abbreviations, Symbols, and Units of Measure.....iii

Permit Conditions:

I. Standard Conditions Page 1

II. General Conditions Page 6

III. Specific Conditions for Affected Emission Points

(A) Title 129, Chapter 20..... Page 12

(B) Title 129, Chapter 21..... Page 13

(C) 40 CFR 60 Subpart F, Title 129, Chapter 18, Section 001.40..... Page 15

(D) 40 CFR 60 Subpart Y, Title 129, Chapter 18, Section 001.08..... Page 17

(E) 40 CFR 63 Subpart LLL, Title 129, Chapter 28, Section 001.42 Page 19

(F) 40 CFR 63, Subpart ZZZZ, Title 129, Chapter 28, Section 001.88..... Page 26

(G) Construction Permit issued October 22, 1980..... Page 27

(H) Construction Permit issued September 12, 2000 Page 28

(I) Construction Permit #CP18-054, issued Page 29

(J) Insignificant Activities Page 33

IV. Specific Conditions for Multiple Affected Emission Points

(A) Visible Emissions Monitoring Plan Page 34

(B) Fugitive Dust Control Plan..... Page 34

(C) Annual Equipment Update Page 35

Attachments:

(A) Emission Points, Emission Units, Control Devices, and Applicable RequirementsA-1

ABBREVIATIONS, SYMBOLS, and UNITS OF MEASURE

AP-42	Compilation of Air Pollutant Emission Factors, Volume I, Stationary Point and Area Sources	NESHAP	Environment and Energy National Emission Standards for Hazardous Air Pollutants
BACT	Best Available Control Technology	NO ₂	Nitrogen Dioxide
Btu	British Thermal Unit	NO _x	Nitrogen Oxides
bu	Bushel	N ₂ O	Nitrous Oxide
CAA	Clean Air Act	NSPS	New Source Performance Standard
CE	Control Equipment	NSR	New Source Review
cf	Cubic Feet	OP	Operating Permit
CFC	Chlorofluorocarbons	PAL	Plant-wide Applicability Limit
CEMS	Continuous Emissions Monitoring System	Pb	Lead
CFR	Code of Federal Regulations	PEMS	Predictive Emissions Monitoring System
CO	Carbon Monoxide	PM	Particulate Matter
CO ₂	Carbon Dioxide	PM _{2.5}	Particulate Matter with an aerodynamic diameter equal to or less than 2.5 microns
CO ₂ e	Carbon Dioxide Equivalent	PM ₁₀	Particulate Matter with an aerodynamic diameter equal to or less than 10 microns
CP	Construction Permit	PM ₁₀ (total)	Filterable and condensable particulate matter
Director	Director of the Nebraska Department of Environmental Quality	ppb	Parts per Billion
dscf	Dry Standard Cubic Feet	ppm	Parts per Million
dscfm	Dry Standard Cubic Feet per Minute	ppmv	Parts per Million by Volume
EMIS	Emergency Management Information System	ppmvd	Parts per Million by Volume, dry basis
EQC	Environmental Quality Council	PSD	Prevention of Significant Deterioration
EP	Emission Point	PTE	Potential to Emit
EU	Emission Unit	scf	Standard Cubic Feet
FIP	Federal Implementation Plan	SIC	Standard Industrial Classification
FR	Federal Register	SIP	State Implementation Plan
ft	Feet	SO ₂	Sulfur Dioxide
FTIR	Fourier Transform Infrared	SO _x	Sulfur Oxides
GHGs	Greenhouse Gases	Title 129	Title 129, Nebraska Air Quality Regulations
HAP	Hazardous Air Pollutant(s)	TDS	Total Dissolved Solids
hp	Horsepower	tpy	Tons per year
hr	Hour	TRS	Total Reduced Sulfur
lb	Pound	TSP	Total Suspended Particulate Matter
LDAR	Leak Detection and Repair	USEPA	United States Environmental Protection Agency
LNB	Low NO _x Burner	UTM	Universal Transverse Mercator
MACT	Maximum Achievable Control Technology	VHAP	Volatile Hazardous Air Pollutant
Mgal	One Thousand Gallons	VMT	Vehicle Miles Traveled
MMBtu	One Million British Thermal Units	VOC	Volatile Organic Compound
MMgal	One Million Gallons	yr	Year
MMscf	One Million Standard Cubic Feet		
MSDS	Material Safety Data Sheet		
n/a	Not Applicable		
NAAQS	National Ambient Air Quality Standards		
NDEE	Nebraska Department of		

I. STANDARD CONDITIONS

The following Standard Conditions apply to this permit unless otherwise provided for in the Specific Conditions of this permit.

(A) Regulatory authority:

- (1) Title 40 Protection of Environment, Code of Federal Regulations that apply to the source including those not currently delegated to Nebraska or not yet included in Title 129; and
- (2) Title 129 as amended June 24, 2019.

(B) The permittee shall allow the NDEE, USEPA or an authorized representative, upon presentation of credentials (Neb. Rev. Statute §81-1504; Title 129, Chapter 8, Section 012.02) to:

- (1) Enter upon the permittee's premises during reasonable hours where a source subject to this permit is located, emissions-related activity is conducted, or where records must be kept under the conditions of this permit, for the purpose of ensuring compliance with this permit or applicable requirements;
- (2) Have access to and copy, during reasonable hours, any records that must be kept under the conditions of this permit, for the purpose of ensuring compliance with this permit or applicable requirements;
- (3) Inspect during reasonable hours any facilities, pollution control equipment, including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit, for the purpose of ensuring compliance with this permit or applicable requirements;
- (4) Sample or monitor, during reasonable hours, substances or parameters for the purpose of ensuring compliance with the permit or applicable requirements.

(C) All requested permit amendments and revisions must adhere to the requirements of Title 129, Chapter 15.

(D) This permit may be revoked for cause, including but not limited to (Title 129, Chapter 15, Section 006.02):

- (1) The existence at the source of unresolved noncompliance with applicable requirements or a term or condition of this permit, and refusal of the permittee to agree to an enforceable schedule of compliance to resolve the noncompliance;
- (2) The submittal by the permittee of false, incomplete, or misleading information to the NDEE or USEPA;
- (3) A determination by the Director that the permitted source or activity endangers human health or the environment and that the danger cannot be removed by a revision of this permit; or
- (4) The failure of the permittee to pay a penalty owed pursuant to court order, stipulation and agreement, or order issued by the Administrator of the USEPA.

(E) The following methods may be used to determine compliance with the terms and conditions in this permit (Title 129, Chapter 34, Section 008):

- (1) Any compliance test method specified in the State Implementation Plan;
- (2) Any test or monitoring method approved for the source in a permit issued pursuant to Title 129, Chapter 17, 19, or 27;
- (3) Any test or monitoring method provided for in Title 129; or

- (4) Any other test, monitoring, or information-gathering method that produces information comparable to that produced by any method described in Condition I.(E)(1) through (3).
- (F) Application for review of plans or advice furnished by the Director will not relieve the permittee of legal compliance with any provision of these regulations, or prevent the Director from enforcing or implementing any provision of these regulations (Title 129, Chapter 37).
- (G) If and when the Director declares an air pollution episode as defined in Title 129, Chapter 38, Sections 003.01B, 003.01C, or 003.01D, the permittee shall immediately take all required actions listed in Title 129, Appendix I, Paragraph 1.1, 1.2, and 1.3, respectively, until the Director declares the air pollution episode terminated (Title 129, Chapter 38, Section 003).
- (H) Recordkeeping: To ensure compliance with this permit, records shall be maintained as outlined below. Records include, but are not limited to: electronic and/or paper copies of all application materials, notifications, reports, test protocols, test results, and plans; and, electronic and/or original paper copies of all required monitoring results, measurements, inspections, and observations (Title 129, Chapter 34, Section 006; Chapter 8, Section 004.02B):
- (1) All records required by this permit shall be kept for a minimum of five (5) years and shall be clear and readily accessible to NDEE representatives during an inspection, unless otherwise specified in this permit.
 - (2) Monthly calculations and records required throughout this permit shall be compiled no later than the fifteenth (15th) day of each calendar month and shall include all records and calculations generated through the previous calendar month, unless otherwise specified in this permit.
 - (3) The source shall keep the following records for each malfunction, start-up and shutdown where emissions were, or may have been, in excess of an emission limitation or standard (Title 129, Chapter 6, Sections 002 and 005; Chapter 11; and Chapter 35, Sections 002, 004 and 005):
 - (a) The identity of the equipment.
 - (b) Reason for, or cause of, the malfunction, shutdown, or start-up.
 - (c) Duration of period of excess emissions.
 - (d) Date and time of the malfunction, shutdown, or start-up.
 - (e) Physical and chemical composition of pollutants whose emissions are affected by the action.
 - (f) Methods, operating data, and/or calculations used to determine these emissions.
 - (g) Quantification of emissions in the units of the applicable emission control regulation.
 - (h) All measures utilized to minimize the extent and duration of excess emissions during the malfunction, shutdown, and start-up.
 - (4) The source shall keep records of maintenance performed on components of permitted emission units that would affect or potentially affect the emission rate of that unit and on control and monitoring equipment associated with the permitted emission unit (Title 129, Chapter 11, Section 001; Chapter 34, Section 006; and Chapter 35, Sections 006.02 and 006.05).
 - (5) All records of opacity readings, instrument readings, visual equipment inspections, log book entries, and any other record of equipment performance shall identify the individual who entered the record, except for continuously generated electronic records.

- (6) Operation and maintenance manuals, or equivalent documentation, detailing proper operation and maintenance of all permitted emission units, required control equipment and required monitoring equipment shall be kept for the life of the equipment.
- (I) All permitted emission units, associated emissions conveyances, required control equipment, and required monitoring equipment shall be properly installed, operated, and maintained (Title 129, Chapter 34, Section 006; Chapter 17; Chapter 8, Sections 002 and 015).
 - (1) All emissions from emission units using required controls shall be captured and routed through associated emission conveyances to the required control equipment, except for uncaptured emissions described in the permit application and any additional information submitted prior to permit issuance.
 - (2) All equipment must be maintained to minimize the amount of pollutants released to the atmosphere. Proper equipment maintenance activities may include repair or replacement, and include, but are not limited to activities in response to the following:
 - (a) cracks, holes or gaps,
 - (b) broken, cracked, or otherwise damaged seals or gaskets, and
 - (c) broken, missing or open hatches, access covers, caps, or other closure devices.
- (J) In the event of any discrepancies between applicable federal air standards and the terms and conditions of this permit, the source must meet the most stringent.
- (K) Open fires are prohibited except as allowed by Title 129, Chapter 30.
- (L) Particulate Matter – General Requirements (Title 129, Chapter 32):
 - (1) The permittee shall not cause or permit the handling, transporting or storage of any material in a manner which allows particulate matter to become airborne in such quantities and concentrations that it remains visible in the ambient air beyond the property line.
 - (2) The permittee shall not cause or permit the construction, use, repair or demolition of a building, its appurtenances, a road, a driveway, or an open area without applying all reasonable measures to prevent particulate matter from becoming airborne and remaining visible beyond the property line. Such measures include, but are not limited to, paving or frequent cleaning of roads, driveways and parking lots; application of dust-free surfaces; application of water; and planting and maintenance of vegetative ground cover.
- (M) Testing:
 - (1) Performance testing if required by this permit or required by the NDEE shall be completed as follows:
 - (a) The permittee shall provide the NDEE at least thirty (30) days written notice prior to testing to afford the NDEE an opportunity to have an observer present. The NDEE may, in writing, approve a notice of less than 30 days. If the testing is pursuant to an underlying requirement contained in a federal rule, the notice provisions of the underlying requirement apply (Title 129, Chapter 34, Section 003).
 - (b) The notification required by Condition I.(M)(1)(a) shall include the following (Title 129, Chapter 34, Section 003):
 - (i) Facility Name, Address and FID number.
 - (ii) Company Name, Address and Contact Person's name.
 - (iii) Test schedule including date and estimated start time of testing.

- (iv) List all applicable regulatory requirements that testing is being conducted for (permit condition, MACT, NSPS, etc.).
- (v) Types of pollutants to be sampled including applicable emission limits and demonstration requirements.
- (vi) Test methods and documentation of any proposed variations from the specified procedures and reason for variance.
- (c) Testing shall be conducted according to the methodologies found in Title 129, Chapter 34, Section 002, or other NDEE approved methodologies (Title 129, Chapter 34, Section 002).
- (d) Performance tests shall be conducted under operating conditions that are most likely to challenge the emissions control measures of the facility. Typically this would be at the maximum safe operating capacity unless otherwise specified by the NDEE (Title 129, Chapter 34, Section 007).
- (e) Performance tests shall be conducted for a minimum of three (3) one-hour runs unless another run-time is specified by the applicable Subpart or as deemed appropriate by the NDEE.
- (f) The permittee shall monitor and record the operating parameters for process and control equipment during the performance testing required in the permit.
- (g) A certified written copy of the test results, signed by the person conducting the test, shall be provided to the NDEE within sixty (60) days of completion of the test, unless a different time period is specified in the underlying requirements of an applicable federal rule, and will, at a minimum, contain the following items (Title 129 Chapter 34, Section 002.07):
 - (i) A description of:
 - 1. The operating parameters for the emissions unit during testing. Examples include, but are not limited to, production rates, process throughputs, firing rates of combustion equipment, or fuel usage; and,
 - 2. The operating parameters for the control equipment during testing. Examples include, but are not limited to, baghouse fan speeds, scrubber liquid flow rates, or pressure drop across the control device.
 - (ii) Copies of all data sheets from the test run(s).
 - (iii) A description and explanation of any erroneous data or unusual circumstance(s) and the cause for such situation.
 - (iv) A final conclusion section describing the outcome of the testing.
- (N) When the source makes physical or operational changes to an emissions unit or associated control equipment that may cause an increase in emissions that makes the original testing not representative of current operating conditions or emissions, the source shall submit a notification of the change. Such notification shall be received by NDEE within fifteen (15) days after such change. The NDEE may require performance testing based on review of the specific changes identified in the notification and the resulting potential impact on emissions from the unit(s) and/or performance of the control equipment (Title 129, Chapter 34, Section 001).
- (1) This notification requirement applies to emissions units and/or control equipment that meet the following requirements, except as provided in Condition I.(N)(5):
 - (a) Emissions from the emissions unit and/or control equipment is subject to an emissions limit;

- (b) A valid performance test has been conducted for the pollutant to which the emissions limit applies;
 - (c) Changes that may cause emissions to increase or invalidate prior testing include, but are not limited to, increasing the capacity of an emissions unit, changing the operational parameters of any control equipment outside of the range allowed for under this permit that makes the control equipment less efficient, changing the type of scrubber packing, or increasing the inlet pollutant loading of any control equipment.
- (2) For emission units that have had a performance test conducted after January 1, 2012, the permittee shall make a one-time notification to the NDEE within fifteen (15) days of when there is a ten (10) percent increase in daily production/throughput rate, over the tested rate recorded during the most recent valid performance test unless otherwise specified in this permit. If there are subsequent ten (10) percent increases over the rate most recently notified to the NDEE, the permittee shall make a one-time notification to the NDEE of each such subsequent increase. This will not apply to emissions that already have emission rates that are normalized to production and/or throughput rates.
- (3) The notification shall include the date of the changes, a description of the changes made, and an evaluation of the expected impact on emissions from the emissions units and/or control equipment.
- (4) The following definitions apply for purposes of Conditions I.(N)(2) above:
- (a) "rate" shall mean the production or throughput of an emissions unit in the same units of production or throughput as the "tested rate" as defined below; and,
 - (b) "tested rate" shall mean the production or throughput rate of an emissions unit as recorded in the most recent valid performance test and reported to the NDEE in the source's written copy of the test results, or test report, documenting the maximum capacity of the unit(s). The tested rate shall be extrapolated to daily. Examples include, but are not limited to, tons per hour to tons per day or gallons per hour to gallons per day.
- (5) The above notification requirements do not apply when compliance with the emission limitation is demonstrated through the use of a CEMS, PEMS or COMS.
- (O) No person shall cause or allow emissions, from any source, which are of an opacity equal to or greater than twenty percent (20%), as evaluated by an EPA approved method, or recorded by a continuous opacity monitoring system operated and maintained pursuant to 40 CFR Part 60 Appendix B except as provided for in Chapter 20, Section 005 (Title 129, Chapter 20, Sections 004 and 006).

II. GENERAL OPERATING PERMIT CONDITIONS

The following General Conditions apply to this permit unless otherwise provided for in the Specific Conditions of this permit. Terms and conditions of this permit are in accordance with the requirements of Title 129, Chapter 8, Section 001. The applicable requirement is listed with each permit condition.

(A) Submittals/Reporting:

All submittals, including reports, required by Condition II.(A), I.(M)(1)(g), and Condition I.(N) shall contain a certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete (Title 129, Chapter 1, Section 135; Chapter 7, Section 008; and Chapter 8, Section 012.01).

The permittee shall submit reports to the NDEE as follows:

- (1) The permittee shall submit a report of applicable monitoring and all instances of deviations from permit requirements every six (6) calendar months to the NDEE. The report for the first six (6) months (January through June) shall be submitted by September 30 of each year. The report for the second six (6) months (July through December) shall be submitted by March 31 of the following year (Title 129, Chapter 8, Section 004.03A).
- (2) The permittee shall report all deviations from permit requirements, including those attributable to start-ups, shutdowns or malfunctions, the probable cause of such deviations, and any corrective actions or preventive measures taken. The probable cause, corrective actions, or preventive measures do not have to be provided if that information has already been submitted in other reports to the NDEE, such as for 40 CFR 60.7; however reported deviations must reference these other reports. All reports of deviations must be submitted within the time frame as per Conditions II.(A)(2)(a), (b), and (c) below (Title 129, Chapter 11, Chapter 8, Sections 004.03B and 004.04, and Chapter 35, Sections 004 and 005).
 - (a) Any deviation resulting from emergency or upset conditions shall be reported within two (2) working days of the date on which the permittee first becomes aware of the deviation if the permittee wishes to assert the affirmative defense authorized under Chapter 11 of Title 129. The report may be submitted initially without a certification by the responsible official, as required by Condition II.(A) above, if an appropriate certification is provided within ten (10) days thereafter, together with the information required under Condition II.(A)(2) and any corrected or supplemental information required concerning the deviation.
 - (b) Any deviation that poses an imminent and substantial danger to public health, safety, or the environment shall be reported as soon as is practicable. The report may be submitted initially without a certification by a responsible official in accordance with Condition II.(A) above, if an appropriate certification is provided within ten (10) days thereafter, together with any corrected or supplemental information required concerning the deviation.
 - (c) All other deviations shall be reported as per Condition II.(A)(1).
- (3) The permittee shall submit completed emission inventory forms for the preceding calendar year to the NDEE by March 31 of each year (Title 129, Chapter 6).
- (4) The permittee shall submit fees, due July 1 of each year, based on the actual emission tonnage, up to and including 4,000 tons per year for each regulated pollutant for fee purposes, as established in the emission inventory for the previous calendar year (Title 129, Chapter 1, Section 132 and Chapter 8, Section 008 and Chapter 29).
- (5) Certification of compliance with the terms and conditions of this permit, including emission limitations, standards, or work practices, for the preceding calendar year, shall be submitted to

the NDEE and to Nebraska Air Compliance Coordinator, U.S. EPA, Region 7, ECAD/AB, 11201 Renner Boulevard, Lenexa, KS 66219 by March 31 of each year. The report shall be certified by a responsible official in accordance with Condition II.(A) and shall include the following (Title 129, Chapter 8, Section 012.05).

- (a) The identification of each term or condition of the permit that is the basis of the certification;
 - (b) The compliance status;
 - (c) A determination of whether compliance was continuous or intermittent; and
 - (d) The methods used for determining the compliance status of the source, currently and over the reporting period.
- (6) Any emissions due to malfunctions, unplanned shutdowns, and ensuing start-ups that are, or may be in excess of applicable emission limitations shall be reported to the NDEE in accordance with Condition II.(A)(2)(a).
- (B) The permittee shall comply with 40 CFR part 82, Protection of the Stratospheric Ozone. Affected controlled substances include, but are not limited to: chlorofluorocarbon (CFC) and hydrochlorofluorocarbon (HCFC) refrigerants, solvents and propellants, halons, carbon tetrachloride, and methyl chloroform (specific affected controlled substances are listed in 40 CFR part 82, Subpart A, Appendices A, (Class I) and B (Class II)).

The following subparts and Sections of 40 CFR part 82 are conditions of this permit:

Subpart A - Production and Consumption Controls

Subpart B - Servicing of Motor Vehicle Air Conditioners

Subpart E - Labeling of Products Using Ozone-Depleting Substances: Sections 82.106 Warning statement requirements, 82.108 Placement of warning statement, 82.110 Form of label bearing warning statement, and 82.112 Removal of label bearing warning statement.

Subpart F - Recycling and Emissions Reduction: Sections 82.156 Required practices, 82.158 Standards for recycling and recovery equipment, 82.161 Technician certification, and 82.166 Reporting and recordkeeping requirements

Subpart G - Significant New Alternatives Policy Program

- (C) This permit is issued for a fixed term of five (5) years. A timely renewal application is one that is submitted to the NDEE a minimum of six (6) months and a maximum of eighteen (18) months before permit expiration. Provided a timely and complete renewal application has been submitted, the conditions of this permit shall continue until the effective date of a new permit. (Title 129, Chapter 8, Section 003 and Chapter 7, Section 002.06)
- (D) The permittee shall comply with all conditions of this permit. Any permit noncompliance shall constitute a violation of the Nebraska Environmental Protection Act and/or the Federal Clean Air Act, and is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application (Title 129, Chapter 8, Section 007.01).
- (E) It shall not be a defense for a permittee in an enforcement action to claim that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit (Title 129, Chapter 8, Section 007.02).
- (F) This permit may be modified; revoked, reopened, and reissued; or terminated for cause in accordance with Title 129 and Title 115, Rules of Practice and Procedure. The filing of a request

by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not supersede any permit condition (Title 129, Chapter 8, Section 007.03).

- (G) Conditions under which this permit will be reopened, revoked and reissued or terminated during its term for cause, include but are not limited to (Title 129, Chapter 15, Section 006.01 and Chapter 8, Section 010):
- (1) Additional applicable requirements under the Nebraska Environmental Protection Act or the Federal Clean Air Act, which become applicable to this source with a remaining permit term of three (3) or more years. No such reopening will occur if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended;
 - (2) Additional requirements, including excess emissions requirements, that become applicable to an affected source under the acid rain program under Chapter 26;
 - (3) A determination by the Director or the Administrator of USEPA that:
 - (a) The permit must be revoked and reissued to assure compliance with the applicable requirements;
 - (b) The permit contains a material mistake or that inaccurate statements were made in the emissions standards or other terms or conditions of the permit;
 - (c) An applicable requirement or applicable requirement under the Federal Clean Air Act applies which was not identified by the permittee in its application.
- (H) This permit does not convey any property rights of any sort, or any exclusive privilege (Title 129, Chapter 8, Section 007.04).
- (I) The permittee shall furnish to the NDEE, within the time specified by the NDEE, any information requested by the NDEE in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the NDEE copies of records required to be kept in accordance with the permit or, for information claimed to be confidential, the permittee may furnish such records along with a claim of confidentiality pursuant to Title 115 - Rules of Practice and Procedure (Title 129, Chapter 8, Section 007.05).
- (J) The provisions of this operating permit incorporate all applicable requirements contained in all previously issued active construction permits. Although the previously issued construction permits are still active, this operating permit will be the compliance and enforcement instrument for all applicable requirements incorporated into the operating permit [40 CFR 70.2 – Applicable Requirements (2)].
- (K) In the event of a challenge to any portions of this permit, the unchallenged permit requirements shall remain valid (Title 129, Chapter 8, Section 006).
- (L) Changes allowed without an operating permit revision (Title 129, Chapter 15, Section 007):
- (1) The permittee may make the changes identified in Condition II.(L)(1)(a) within a permitted facility without a permit revision if the change is not a modification under Title 129, Chapters 18, 23, 27, or 28; the change does not require a construction permit under Chapters 17 or 19; and the change does not result in the emissions allowable under the permit (whether expressed therein as a rate of emissions or in the terms of total emissions) being exceeded. The permit shield in Condition II.(M) shall not apply to any change made under this condition (Title 129, Chapter 15, Section 007.01).

- (a) Changes in the configuration of the facility's equipment, defined as "Section 502(b)(10) changes", as defined in Title 129, Chapter 1, Section 139 (Title 129, Chapter 15, Section 007.01A). Written notification of these changes shall be sent to the NDEE and the administrator of EPA as follows:
 - (i) Non-Emergencies (Title 129, Chapter 1, Section 139; Chapter 15, Section 007.01):
 - 1. Written notification shall be received by the NDEE a minimum of seven (7) days in advance of the proposed changes;
 - (ii) Emergencies (Title 129, Chapter 1, Section 139; Chapter 15, Section 007.01):
 - 1. Initial notification shall be made within two working days of the date on which the permittee first becomes aware of the need for the change;
 - 2. A follow-up written notification shall be submitted as soon as practicable; and,
 - 3. The notifications shall include an explanation of the nature of the emergency.
 - (iii) Required information (Title 129, Chapter 15, Section 007.01.A):
 - 1. A brief description of the change within the permitted source (Chapter 15, Section 007.01A1);
 - 2. The date on which the change will occur (Chapter 15, Section 007.01A2);
 - 3. Any change in emissions (Chapter 15, Section 007.01A3); and,
 - 4. Any permit term or condition that is no longer applicable as a result of the change (Chapter 15, Section 007.01A4).
 - (iv) A copy of the notification shall be attached to the source's copy of the operating permit.
- (2) The permittee may make changes that are not defined as "Section 502(b)(10) changes" within a permitted facility without a permit revision if the change is not a modification under Title 129, Chapters 18, 23, 27, or 28; and the change is not a change which would require a construction permit under Chapters 17 or 19 (Title 129, Chapter 15, Section 007.02).
 - (a) Each such change shall meet all applicable requirements and shall not violate any existing permit term or condition (Title 129, Chapter 15, Section 007.02A).
 - (b) The source shall provide contemporaneous written notice to the Director and the Administrator of EPA, except for changes that qualify as insignificant activities under the provisions of Title 129, Chapter 7, Sections 006.03 and 006.04. Such written notice shall include (Title 129, Chapter 15, Section 007.02B):
 - (i) A description of each change;
 - (ii) The date the change will be made;
 - (iii) A description of any change in emissions;
 - (iv) A list of the pollutants emitted; and,
 - (v) A list of any applicable requirements that would apply as a result of the change, including terms and conditions established in the relevant operating permit for synthetic minor purposes.
 - (c) A copy of the notification in Condition II.(L)(2)(b) shall be attached to the source's copy of the operating permit.

- (d) Any change under Condition II.(L)(2) shall not qualify for a permit shield under Chapter 8, Section 014 (Title 129, Chapter 15, Section 007.02C).
- (e) The permittee shall keep a record describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and emissions resulting from those changes (Title 129, Chapter 15, Section 007.02D).
- (f) Upon review of a notice submitted in accordance with Condition II.(L)(2)(b), the NDEE may require a source to apply for an operating permit if the change does not meet the requirements of Condition II.(K)(2) [Title 129, Chapter 15, Section 007.02E].

(3) Testing requirements:

- (a) Testing may be required if a change reported under Condition II.(L)(1) or II.(L)(2) involves an emissions unit that was previously tested (Title 129, Chapter 8, Section 004.01B and 015; Chapter 34).

(M)A permit shield is granted (Title 129, Chapter 8, Section 014).

- (1) During the term of this permit compliance with Conditions I.(H), (I) and (M), Conditions II.(A) and (N) and Condition III constitutes compliance with the underlying applicable requirements. The origin and/or authority for each applicable requirement are identified in the condition.

(2) The permit shield does not affect:

- (a) The emergency provisions of Neb. Rev. Stat. §81-1507 of the Nebraska Environmental Protection Act;
- (b) The USEPA's authority under the provisions of Section 303, Emergency Powers, of the Clean Air Act;
- (c) Liability for any violation of applicable requirements or applicable requirements under the Federal Clean Air Act prior to or at the time of permit issuance;
- (d) The applicable requirements of Chapter 26;
- (e) The authority of the NDEE or USEPA to obtain information; or
- (f) Any other permit provisions, terms, or conditions, including, but not limited to, construction permits issued pursuant to Chapter 17 or permits issued pursuant to other State authorities and Titles.

- (3) The NDEE has determined the requirements specifically identified in the following table are not applicable to this source. Therefore a permit shield is granted as allowed under Title 129, Chapter 8, Section 014.02B:

Requirement	Shield Request Basis and Determination
40 CFR 60 Subpart Kb – NSPS for Volatile Organic Liquid Storage Vessels – Grinding Aid Tank (38,000 gallons), Emission Point 1202	Vapor pressure of the grinding aid is less than 15 kPa

Requirement	Shield Request Basis and Determination
40 CFR 60 Subpart LL – NSPS for Metallic Mineral Processing Plants – various emission points, quarry equipment	Facility does not produce metallic mineral concentrates from ore
40 CFR 60 Subpart OOO – NSPS for Nonmetallic Mineral Processing Plants – various emission points, quarry equipment	Nonmetallic mineral processing equipment was not constructed, reconstructed or modified after August 31, 1983.
40 CFR 60 Subpart UUU – NSPS for Calciners and Dryers in Mineral Industries – various emission points, kilns	Facility does not meet the definition of a Mineral Processing Plant
40 CFR 60 Subpart IIII – NSPS for Stationary Combustion Ignition Engines – various emission points, emergency generator and water pumps	All engines and pumps at the source were installed before 2005
40 CFR 63 Subpart CCCCCC – NESHAP for Gasoline Dispensing Facilities	Applies to area sources of HAPs. The Ash Grove Louisville facility is a major source of HAPs.

- (N) The source shall comply with the requirements of 40 CFR Part 68, Chemical Accident Prevention Provisions, Risk Management Plan (RMP). Where applicable, as part of the compliance certification submitted under Condition II.(A)(5), the permittee shall submit a certification statement that the source is in compliance with all requirements of Part 68, including the registration and submission of the RMP (40 CFR 68.215(a); Title 129, Chapter 8, Section 011).

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS:

Potential to emit (PTE) air quality pollutants for a stationary source must be calculated with the source operating continuously 24 hours per day, 365 days per year at maximum capacity under its physical and operational design (emission factor times 8,760 hours per year), unless otherwise limited in a federally enforceable permit or rule.

The active conditions for the construction permits listed in the table below are included in Conditions III.(A) through (F):

Permit Number	Date Issued
n/a	June 1, 1979
n/a	October 22, 1980
CP00-0024	September 12, 2000
CP03-0009	August 1, 2003
CP18-006	March 2, 2018

(A) Specific Conditions for Emission Points Subject to Title 129, Chapter 20

(A)(1) Permitted Emission Points:

The emission points, control equipment, and emission units at the source that are subject to the requirements in this condition at the time of permit issuance are described in Attachment A to this operating permit in accordance with Air Quality Operating Permit Application #08R1-019 received April 11, 2008, and its revision received November 19, 2013, and including any supporting information received prior to issuance of this permit.

(A)(2) Title 129, Chapter 20, Section 001

- (i) Particulate matter (PM) (filterable) emission rates from each emission point identified in Attachment A as subject to Title 129, Chapter 20, Section 001 (process weight rate limits) shall not exceed the permitted limits in the table contained in Operating Permit Attachment B. Compliance with the process weight limits is anticipated because the potential PM emissions are less than the PM process weight limits.

(A)(3) Title 129, Chapter 20, Section 002

- (i) The specific emission units/points subject to the requirements of III.(A)(3) are the reciprocating internal combustion engines (RICE) that power water pumps – 110.WP1, 110.WP2, and 110.WP3, two 30.5 MMBtu heaters – 316.HG1 and 316.HG2 and one emergency generator RICE, 710.EG1. The permittee, by complying with 40 CFR Part 63 Subparts LLL and ZZZZ requirements will be considered compliant with Chapter 20, Section 002.

(A)(4) Title 120, Chapter 20, Section 004

- (i) The specific emission points, control equipment, and emission units subject to the requirements in Condition III.(A)(4) are those with open or partially enclosed conveying system transfer points, storage bins, unloading systems or air pollution control devices (APCDs) except for those subject to a more stringent limit in 40 CFR 60 Subparts F and Y and 40 CFR 63 Subpart LLL. The permittee shall demonstrate compliance with Chapter 20, Section 004 by following the Ash Grove Cement Company (AGCC) Visible Emissions Monitoring Plan and Conditions I.(I), I.(H), IV.(A), II.(A), and I.(M).

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS:

(B) Specific Conditions for Title 129, Chapter 21

The emission points, control equipment, and emission units at the source that are subject to the requirements in this condition at the time of permit issuance are described in Attachment A to this operating permit in accordance with Air Quality Operating Permit Application #08R1-019 received April 11, 2008, and its revision received November 19, 2013, and including any supporting information received prior to issuance of this permit.

- (1) Permitted Emission Points: The specific emission points, control equipment, and emission units subject to the requirements in Condition III.(B)(1) are those controlled by water spray, moisture content carry-over, and inherent moisture content.

(a) Applicable Requirements: Title 129, Chapter 21

- (b) Limitation: The owner or operator of any rock processing operation located in Cass County shall install, operate, and maintain a system to reduce potential emissions from conveying transfer operations, and railcar and truck loading by 85 percent.

- (c) The permittee shall demonstrate compliance with the opacity limit of Condition III.(D)(3) as follows:

Type of Compliance Demonstration or Method	Regulatory or Operating Permit (OP08R1-019) Condition Citation	Description of Compliance Demonstration or Method
(1)(c)(i) Monitoring	Condition IV.(A) and (B)	The permittee shall conduct visible emissions surveys in accordance with the Visible Emissions Monitoring Plan when the former plan requires visible emission surveys and comply with the AGCC Fugitive Dust Control Plan.
(1)(c)(ii) Operation	Condition IV.(B)	The permittee shall comply with the AGCC Fugitive Dust Control Plan.
(1)(c)(iii) Recordkeeping	Conditions I.(H), IV.(A), and IV.(B)	The permittee shall comply with the AGCC Fugitive Dust Control Plan and the AGCC Visible Emissions Monitoring Plan.
(1)(c)(iv) Reporting	Condition II.(A)	Except for applicable requirements prescribed in Specific Condition II, this condition establishes no additional specific reporting requirements for the emission points identified in Condition III.(D)(1).
(1)(c)(v) Performance Testing	Condition I.(M)	Performance testing, if required, shall be conducted in accordance with Condition I.(M).

- (2) Permitted Emission Points: The specific emission units subject to the requirements in Condition III.(D)(1) are those controlled by an APCD or enclosure.

(a) Applicable Requirement: Title 129, Chapter 21

- (b) Emission Limitation: The owner or operator of any rock processing operation located in Cass County shall install, operate, and maintain a system to reduce potential emissions from conveying transfer operations, and railcar and truck loading by 85 percent.

(c) The permittee shall demonstrate compliance with the limit of Condition III.(D)(2) as follows:

Type of Compliance Demonstration or Method	Regulatory or Operating Permit Condition Citation	Description of Compliance Demonstration or Method
(2)(c)(i) Monitoring	Conditions IV.(A) and IV.(B)	The permittee shall comply with the AGCC Fugitive Dust Control Plan and shall conduct visible emissions surveys in accordance with the Visible Emissions Monitoring Plan when the former plan requires visible emission surveys.
(2)(c)(ii) Operational	Condition IV.(B)	The permittee shall comply with the AGCC Fugitive Dust Control Plan.
(2)(c)(iii) Recordkeeping	Condition IV.(B)	The permittee shall comply with the AGCC Fugitive Dust Control Plan and the AGCC Visible Emissions Monitoring Plan.
(2)(c)(iv) Reporting	Condition II.(A)	Except for applicable requirements prescribed in Specific Condition II, this condition establishes no additional specific reporting requirements for the emission points identified in Condition III.(D)(1).
(2)(c)(v) Performance Testing	Condition I.(M)	Performance testing, if required, shall be conducted in accordance with Condition I.(M).

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS:

(C) Specific Conditions for 40 CFR 60 Subparts A and F

- (1) Permitted Emission Points: The emission points, control equipment, and emission units at the source that are subject to the requirements in this condition at the time of permit issuance are described in Attachment A, in accordance with Air Quality Operating Permit Application #08R1-019 received April 11, 2008, and its update received November 19, 2013, including any supporting information received prior to issuance of this permit.
- (2) Applicable Requirements: 40 CFR 60 Subparts A and F as adopted by reference in Title 129, Chapter 18, Sections 001.01 and 001.40.
- (3) Emission Limitation: PM —0.07 lb/ton of clinker^[1]; 10% opacity^[1]
- (4) The permittee shall demonstrate compliance with the PM limit of Condition III.(C)(3) as follows:

Type of Compliance Demonstration or Method	Regulatory or Operating Permit (OP08R1-019) Condition Citation	Description of Compliance Demonstration or Method
(4)(a) Monitoring	40 CFR Part 60 Subpart F	<p>(4)(a)(i) Clinker Production Monitoring Requirements – Determine hourly clinker production by one of two methods:</p> <p>A) Install, calibrate, maintain, and operate a permanent weigh scale system to measure and record weight rates in tons-mass per hour of the amount of clinker produced. The system of measuring hourly clinker production must be maintained within ± percent accuracy, or</p> <p>B) Install, calibrate, maintain, and operate a permanent weigh scale system to measure and record weight rates in tons-mass per hour of the amount of feed to the kiln. The system of measuring feed must be maintained within ±5 percent accuracy. Calculate the hourly clinker production rate using a kiln-specific feed to clinker ratio based on reconciled clinker production determined for accounting purposes and recorded feed rates. Update this ratio monthly. If this ratio changes at clinker reconciliation, the permittee must use the new ratio going forward, but do not have to retroactively change clinker production rates previously estimated. An emissions monitoring plan is to be developed in accordance with paragraphs (p)(1) through (p)(4) of §63.1350.</p> <p>(4)(a)(ii) For each kiln or clinker cooler subject to a PM emissions limit, the permittee shall monitor continuous performance through use of a PM CPMS.</p> <p>(4)(a)(iii) To determine kiln opacity while conducting performance tests, the permittee must use Method 9 and procedures in §60.11. All other non-kiln sources must follow Method 22 and procedures in §1350(f),</p>

		§1350(m)(1-4, 10 & 11), §1350(o) and (p)
(4)(b) Operational	40 CFR Part 60 Subpart F	<p>(4)(b)(i) Install, calibrate, maintain, and operate a permanent weigh scale system to measure and record weight rates of the amount of clinker produced in tons of mass per hour. The system of measuring hourly clinker production must be maintained within ± 5 percent accuracy or</p> <p>(4)(b)(ii) Install, calibrate, maintain, and operate a permanent weigh scale system to measure and record weight rates of the amount of feed to the kiln in tons of mass per hour. The system of measuring feed must be maintained within ± 5 percent accuracy. Calculate the hourly clinker production rate using a kiln specific feed-to-clinker ratio based on reconciled clinker production rates determined for accounting purposes and recorded feed rates. The ratio should be updated monthly.</p>
(4)(c) Recordkeeping	40 CFR Part 60 Subpart F	<p>(4)(c)(i) Record weight rate of the amount of clinker produced in tons of mass per hour or record weight rates of the amount of feed to the kiln in tons of mass per hour.</p> <p>(4)(c)(ii) During each quarter of source operation, determine, record, and maintain a record of the ongoing accuracy of the system of measuring hourly clinker production rates or feed rates.</p> <p>(4)(c)(iii) Visible emission observations shall be recorded following the facility Visible Emissions Plan.</p>
(4)(d) Reporting	40 CFR Part 60 Subpart F	<p>(4)(d)(i) Excess emissions report shall be submitted semiannually.</p> <p>(4)(d)(ii) Semiannual reports of the malfunction information required to be recorded by §60.7(b) shall be submitted. The reports are to include the frequency, duration, and cause of any incident resulting in de-energization of any device controlling kiln emissions or in the venting of emissions directly to the atmosphere.</p> <p>(4)(d)(iii) Performance test results shall be submitted within 60 days after the date of completing the performance test.</p> <p>Note: The NSPS F reporting requirements are duplicative to the NESHAP LLL reporting requirements, and the facility will report per the requirements in NESHAP LLL</p>
(4)(e) Performance Testing	§60.63(c)	<p>(4)(e)(i) Performance testing shall be conducted annually using Method 5 or 5I to reassess and adjust the site-specific operating limit in accordance with the results of the performance test.</p>

^[1] The facility is considered compliant with the PM and opacity emission limitations if compliant with NESHAP Subpart LLL.

Note: The source may be subject to stricter Subpart F standards if the kilns or clinker coolers undergo future modification, construction, or reconstruction.

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS:

(D) Specific Conditions for 40 CFR 60 Subparts A and Y

- (1) Permitted Emission Points: The emission points, control equipment, and emission units at the source that are subject to the requirements in this condition at the time of permit issuance are described in Attachment A, in accordance with Air Quality Operating Permit Application #08R1-019 received April 11, 2008, and its update received November 19, 2013, including any supporting information received prior to issuance of this permit.
- (2) Applicable Requirement: 40 CFR 60 Subparts A and Y as adopted by reference in Title 129, Chapter 18, Sections 001.01 and 001.08.
- (3) Emission Limitation: Coal Processing and Conveying Equipment, Coal Storage System, Coal Transfer and Loading System – Opacity <20%
- (4)(a) The permittee shall demonstrate compliance with the emission limits of Conditions III.(D)(3) as follows:

Type of Compliance Demonstration or Method	Regulatory or Operating Permit (OP08R1-019) Condition Citation	Description of Compliance Demonstration or Method
(4)(a)(i) Recordkeeping	40 CFR Part 60 Subpart Y Condition I.(H) and IV.(A)	(4)(a)(i)(A) The permittee shall keep the records required by the Visible Emissions Monitoring Plan and comply with general recordkeeping requirements.
(4)(a)(ii) Reporting	40 CFR Part 60 Subpart Y	(4)(a)(ii)(A) The permittee is subject to NSPS Y reporting requirements.
(4)(a)(iii) Performance Testing	40 CFR Part 60 Subpart Y	(4)(a)(iii)(A) The permittee must conduct all performance tests required by §60.8 to demonstrate compliance with the applicable emission standards using the methods identified in §60.257.

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS:

(E) Specific Conditions for 40 CFR 63 Subparts A and LLL

- (1) Permitted Emission Points: The emission points, control equipment, and emission units at the source that are subject to the requirements in this condition at the time of permit issuance are described in Attachment A, in accordance with Air Quality Operating Permit Application #08R1-019 received April 11, 2008, and its update received November 19, 2013, including any supporting information received prior to issuance of this permit.
- (2) Applicable Requirement: 40 CFR 63 Subparts A and LLL as adopted by reference in Title 129, Chapter 28, Sections 001.01 and 001.42.
- (3)(a) Emission Limitation for Kilns:

POLLUTANT	EMISSION LIMIT
PM ¹	0.07 lb/ton clinker
Dioxin Furans	0.2 ng/dscm with O ₂ correct to 7 percent or 0.4 ng/dscm if the average temperature at inlet to PM control device is <400° F
Mercury ²	55 lb/MM tons clinker
THC ³	24 ppmvd with O ₂ corrected to 7 percent
HCl ⁴	3 ppmvd with O ₂ corrected to 7 percent

¹ Since HW kiln gases are diverted through a coal mill (but not an alkali bypass) and exhausted through a separate stack, the facility must account for the PM from the coal mill stack using the procedures in §63.1349(b)(1)(viii).

² Since HW kiln gases are diverted through a coal mill (but not an alkali bypass) and exhausted through a separate stack, the facility must account for the mercury from the coal mill stack using the procedures in §63.1350(k)(5)(i) thru (iv).

³ Since HW kiln gases are diverted through a coal mill (but not an alkali bypass) and exhausted through a separate stack, the facility must calculate a kiln-specific THC limit using Equation 9 of §63.1349(b)(4)(iii).

⁴ Since HW kiln gases are diverted through a coal mill (but not an alkali bypass) and exhausted through a separate stack, the facility must calculate a kiln-specific HCl limit using the procedures in §63.1349(b)(6)(iv).

(3)(b) Emission Limitation for Clinker Cooler – PM – 0.07 lb/ton clinker

(3)(c) Emission Limitation for Raw Material Dryer – THC – 24 ppmvd; Opacity ≤10%

(3)(d) Emission Limitation for the Fly Ash/Cement Handling System, Raw Material, Clinker, or Finished Product Storage Bin; Conveying System Transfer Point; Bagging System, Bulk Loading or Unloading System; Raw and Finish Mills; and each Existing Raw Material Dryer - Opacity ≤10%

(3)(e) Emission Limitation for Clinker Storage Piles – Opacity ≤10%

(3)(f) Emission Limitation for Enclosed Conveying System Transfer Points – Opacity ≤10%.

(4)(a) The permittee shall demonstrate compliance with the emission limitations of Condition

III.(E)(3)(a) as follows:

Type of Compliance Demonstration or Method	Regulatory or Operating Permit (OP08R1-019) Condition Citation	Description of Compliance Demonstration or Method
(4)(a)(i)Monitoring	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u>	(4)(a)(i)(A) PM Monitoring Requirements – A PM CPMS is to be used to establish a site-specific operating limit corresponding to the results of the performance test demonstrating compliance with the PM limit.
	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u>	(4)(a)(i)(B) Dioxin/Furan Monitoring Requirements – The permittee must comply with the monitoring requirements of paragraphs (g)(1) through (g)(5) and paragraphs (m)(1) through (m)(4) of §63.1350. (4)(a)(i)(C) An emissions monitoring plan is to be developed in accordance with paragraphs (p)(1) through (p)(4) of §63.1350.
	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u>	(4)(a)(i)(D) THC Monitoring Requirements – The permittee must comply with the monitoring requirements of paragraphs (i)(1) and (i)(2) and (m)(1) through (m)(4) of §63.1350. (4)(a)(i)(E) An emissions monitoring plan is to be developed in accordance with paragraphs (p)(1) through (p)(4) of §63.1350.
	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u>	(4)(a)(i)(F) Mercury Monitoring Requirements – Mercury emissions shall be monitored continuously according to §63.1350(k). (4)(a)(i)(G) An emissions monitoring plan is to be developed in accordance with paragraphs (p)(1) through (p)(4) of §63.1350.
	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u>	(4)(a)(i)(H) HCl Monitoring Requirements – HCl emissions shall be monitored continuously according to paragraph (l)(1) or (2) and paragraphs (m)(1) through (4) of §63.1350 or, if the kiln is controlled using a wet or dry scrubber or tray tower, the permittee may parametrically monitor SO ₂ emission continuously according to §63.1350(l)(3). (4)(a)(i)(I) An emissions monitoring plan is to be developed in accordance with paragraphs (p)(1) through (p)(4) of §63.1350.

	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u>	(4)(a)(i)(J) Continuous Flow Rate Monitoring System – The permittee must install, operate, calibrate, and maintain instruments, according to the requirements in §63.1350(n)(1) through (10) for continuously measuring and recording the stack gas flow rate to allow determination of the pollutant mass emissions rate to the atmosphere from sources subject to an emissions limitation that has a pounds per ton of clinker unit and that is required to be monitored by a CEMS.
(4)(a)(ii)Operational	40 CFR Part 63 Subpart LLL, Title 129, Chapter 28, Section <u>001.42</u> Condition I.(I)	(4)(a)(ii)(A)The permittee shall comply with the installation, operation, and maintenance requirements in Condition I.(I). (4)(a)(ii)(B)The permittee must operate the kilns to meet all applicable requirements listed in 40 CFR §63.1346. (4)(a)(ii)(C)To demonstrate continuous compliance with PM emission limitations, the permittee shall use the PM CPMS output data for all periods when the process is operating and the PM CPMS is not out-of-control.
(4)(a)(iii)Recordkeeping	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u> Conditions I.(H) and IV.(B)	(4)(A)(iii)(A) The permittee shall maintain all records required by §63.1355
(4)(a)(iv)Reporting	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u> Condition II.(A)	(4)(a)(iv)(A)The permittee shall comply with reporting requirements specified in §63.1354 and in Condition II.(A).
(4)(a)(v)Performance Testing	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u> Condition I.(M)	(4)(a)(v)(A) PM Emissions – The permittee is to conduct performance testing using Method 5 or 5I at appendix A-3 to part 60. Performance tests are to be conducted annually and the permittee must reassess and adjust the site specific operating limit in accordance with the results of the performance test using the procedures in §63.1349(b)(1)(i) through (vi). The test must be repeated if the analytical range of the instrument is changed or replaced, or any principle analytical component of the instrument that would alter the relationship of output signal to in-stack PM concentration.
		(4)(a)(v)(B) D/F Emissions – The permittee shall conduct performance tests as outlined in

		§63.1349(b)(3) and (c)
		(4)(a)(v)(C) THC Emissions – The permittee must operate a CEMS in accordance with the requirements in §63.1350(i). [§63.1349(b)(4)]
		(4)(a)(v)(D) Mercury Emissions – The permittee must operate a mercury CEMS or a sorbent trap monitoring system in accordance with the requirements of §63.1350(k) [§63.1349(b)(5)]
		(4)(a)(v)(D) HCl Emissions – The permittee shall conduct performance tests as outlined in §63.1349(b)(6) and (c)

(4)(b) The permittee shall demonstrate compliance with the emission limitations of Condition III.(E)(3)(b) as follows:

Type of Compliance Demonstration or Method	Regulatory or Operating Permit (OP08R1-019) Condition Citation	Description of Compliance Demonstration or Method
(4)(b)(i) Monitoring	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u>	(4)(b)(i)(A) PM Monitoring Requirements – A PM CPMS is to be used to establish a site-specific operating limit corresponding to the results of the performance test demonstrating compliance with the PM limit.
	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u>	(4)(b)(i)(B) Clinker Production Monitoring Requirements – Determine hourly clinker production by one of two methods: (4)(b)(i)(B)(1) Install, calibrate, maintain, and operate a permanent weigh scale system to measure and record weight rates in tons-mass per hour of the amount of clinker produced. The system of measuring hourly clinker production must be maintained within ± percent accuracy, or (4)(b)(i)(B)(2) Install, calibrate, maintain, and operate a permanent weigh scale system to measure and record weight rates in tons-mass per hour of the amount of feed to the kiln. The system of measuring feed must be maintained within ±5 percent accuracy. Calculate the hourly clinker production rate using a kiln-specific feed to clinker ratio based on reconciled clinker production determined for accounting purposes and recorded feed rates. Update this ratio monthly. If this ratio changes at clinker reconciliation, the permittee must use the new ratio going forward, but do not have to retroactively change clinker production rates previously estimated. An emissions monitoring plan is to be developed in accordance with paragraphs (p)(1) through (p)(4) of §63.1350.
(4)(b)(ii) Operational	40 CFR Part 63, Subpart LLL; Title 129, Chapter 28, Section <u>001.042</u> ;	(4)(b)(ii)(A) The permittee shall comply with the installation, operation, and maintenance requirements in Condition I.(I).

	Condition I.(I)	(4)(b)(ii)(B) The permittee shall comply with work practices outlined in §63.1346(b)(9). (4)(b)(ii)(C) An operations and maintenance plan must be prepared in accordance with §63.1347.
(4)(b)(iii) Recordkeeping	40 CFR Part 63, Subpart LLL; Title 129, Chapter 28, Section <u>001.42</u>	(4)(b)(iii)(A) The permittee shall keep records as required by 40 CFR Part 63, Subpart LLL. (4)(b)(iii)(B) The permittee shall keep the records required by the Visible Emissions Monitoring Plan. (4)(b)(iii)(C) The permittee shall comply with general recordkeeping requirements.
(4)(b)(iv) Reporting	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u> ; Condition II.(A)	(4)(b)(iv)(A) The permittee shall comply with reporting requirements specified in §63.1354 and in Condition II.(A)
(4)(b)(v) Performance Testing	40 CFR Part 63, Subpart LLL; Title 129, Chapter 28, Section <u>001.42</u> ; Condition I.(M)	(4)(b)(v)(A) Performance testing shall be conducted in accordance with Condition I.(M) and with §63.1349.

(4)(c) The permittee shall demonstrate compliance with the emission limitations of Condition III.(E)(3)(c) as follows:

Type of Compliance Demonstration or Method	Regulatory or Operating Permit (OP08R1-019) Condition Citation	Description of Compliance Demonstration or Method
(4)(c)(i) Monitoring	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.44</u>	(4)(c)(i)(A) The permittee shall comply with the AGCC Visible Emissions Monitoring Plan and the Operations and Maintenance Plan (OMP). (4)(c)(i)(B) The permittee shall comply with the monitoring requirements of paragraphs (i)(1) and (i)(2) and (m)(1) through (m)(4) of §63.1350 for THC.
(4)(c)(ii) Operational	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.44</u>	(4)(c)(ii)(A) The permittee shall comply with the installation, operation, and maintenance requirements in Condition I.(I).
(4)(c)(iii) Recordkeeping	40 CFR Part 63 Subpart LLL; Title 129, Chapter 28, Section <u>001.44</u>	(4)(c)(iii)(A) The permittee shall keep the records required NESHAP Subpart LLL.
(4)(c)(iv) Reporting	40 CFR Part 63 Subpart LLL; Title 129, Chapter 28, Section <u>001.42</u> ; Condition II.(A)	(4)(c)(iv)(A) The permittee shall comply with reporting requirements specified in §63.1354 and in Condition II.(A).
(4)(c)(v) Performance Testing	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u>	(4)(c)(v)(A) Performance tests on alkali bypass and coal mill stacks must be conducted using Method 25A in Appendix A to 40 CFR Part 60 and repeated every 30

		months.
--	--	---------

(4)(d) The permittee shall demonstrate compliance with the emission limitations of Condition III.(E)(3)(d) as follows:

Type of Compliance Demonstration or Method	Regulatory or Operating Permit (OP08R1-019) Condition Citation	Description of Compliance Demonstration or Method
(4)(d)(i) Monitoring	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u> ; Condition IV.(A)	(4)(d)(i)(A) The permittee shall comply with the opacity monitoring requirements contained in §63.1350(f) (4)(d)(i)(B) The permittee shall comply with the AGCC Visible Emissions Monitoring Plan and the OMP. (4)(d)(i)(C) Bag Leak Detection Monitoring Requirements – If you install a BLDS in lieu of conducting daily visible emissions testing, the bag leak detection system (BLDS) is to be installed, calibrated, maintained, and continuously operated as specified in paragraphs (m)(10)(i) through (viii) of §63.1350.
(4)(d)(ii) Operational	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u> ; Condition I.(I); CP03-0009	(4)(d)(ii)(A) The permittee shall comply with the installation, operation, and maintenance requirements in Condition I.(I). (4)(d)(ii)(B) The permittee shall comply with the OMP as required in §63.1347 (4)(d)(ii)(C) The permittee shall comply with the operational and maintenance requirements, including the requirement to develop and implement a written startup, shutdown, and malfunction plan, as specified in §63.6(e). (4)(d)(ii)(D) The permittee shall submit written operations and maintenance plan for each affected source and monitor opacity in accordance with the requirements specified in §63.1350(a), (b), (e), and (j). (4)(d)(ii)(E) For each BLDS, the owner or operator must initiate procedures to determine the cause of every alarm within eight (8) hours of the alarm. The owner or operator must alleviate the cause of the alarm within 24 hours of the alarm by taking whatever corrective action(s) are necessary.
(4)(d)(iii) Recordkeeping	Condition I.(H) and IV.(A) and (B) ; CP03-0009	(4)(d)(iii)(A) The permittee shall keep the records required by the Visible Emissions Monitoring Plan and comply with general recordkeeping requirements. (4)(d)(iii)(B) The permittee shall comply with the recordkeeping requirements specified in §63.1355.
(4)(d)(iv) Reporting	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u> ; Condition II.(A) ; CP03-0009	(4)(d)(iv)(A) The permittee shall comply with reporting requirements specified in §63.1354 and in Condition II.(A). (4)(d)(iv)(B) The permittee shall comply with the notification requirements specified in §63.1353(b).

		(4)(d)(iv)(C) The permittee shall comply with the reporting requirements specified in §63.1354(b).
(4)(d)(v) Performance Testing	Condition I.(M)	(4)(d)(v)(A) Performance testing, if required, shall be conducted in accordance with Condition I.(M).

(4)(e) The permittee shall demonstrate compliance with the emission limitations of Condition III.(E)(3)(e) as follows:

Type of Compliance Demonstration or Method	Regulatory or Operating Permit (OP08R1-019) Condition Citation	Description of Compliance Demonstration or Method
(4)(e)(i) Monitoring	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u>	(4)(e)(i)(A) The permittee must conduct required opacity monitoring in accordance with the provisions of §63.1350(f)(1)(i) through (vii) and in accordance with the monitoring plan developed under §63.1350(p)
(4)(e)(ii) Operational	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u>	(4)(e)(ii)(A) The owner or operator of an open clinker storage pile must prepare, and operate in accordance with, the fugitive dust emissions control measures, described in their operation and maintenance plan, that is appropriate for the site conditions as specified in §63.1343(c)(1) through (3).
(4)(e)(iii) Recordkeeping	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u>	(4)(e)(iii)(A) The permittee shall comply with recordkeeping requirements of NESHAP Subpart LLL.
(4)(e)(iv) Reporting	Conditions I.(H) and IV.(A)	(4)(e)(iv)(A) The permittee shall keep the records required by the Visible Emissions Monitoring Plan and comply with general recordkeeping requirements.
(4)(e)(v) Performance Testing	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u>	(4)(e)(v)(A) The permittee must conduct opacity tests in accordance with Method 9 of appendix A-4 to part 60. The duration of the Method 9 performance test must be 3 hour (30 6-minute averages), except that the duration of the Method 9 performance test may be reduced to 1 hour if the conditions of §63.1349(b)(2)(i) through (iii)

(4)(f) The permittee shall demonstrate compliance with the emission limitations of Condition III.(E)(3)(e) as follows:

Type of Compliance Demonstration or Method	Regulatory or Operating Permit (OP08R1-019) Condition Citation	Description of Compliance Demonstration or Method
(4)(f)(i) Monitoring	40 CFR Part 63 Subpart LLL Title 129, Chapter 28, Section <u>001.42</u>	(4)(f)(i)(A) Any totally enclosed conveying system transfer point, regardless of the location of the transfer point is not required to conduct Method 22 visible emissions monitoring under this paragraph.
(4)(f)(ii) Operational	40 CFR Part 63 Subpart LLL Title 129, Chapter 28,	(4)(f)(ii)(A) The enclosures for these transfer points must be operated and maintained as total enclosures on a continuing basis in accordance with the facility

	<u>Section 001.42</u>	operations and maintenance plan.
(4)(f)(iii) Recordkeeping	Condition I.(H) and IV.(A)	(4)(f)(iii)(A) The permittee shall comply with recordkeeping requirements of NESHAP Subpart LLL.
(4)(f)(iv) Reporting	Condition II.(A)	(4)(f)(iv)(A) Except for applicable requirements prescribed in Specific Condition II, this condition establishes no additional specific reporting requirements for the emission points identified in Condition III.(J)(3)(f).
(4)(f)(v) Performance Testing	Condition I.(M)	(4)(f)(v)(A) Performance testing, if required, shall be conducted in accordance with Condition I.(M).

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS:

(F) Specific Conditions for 40 CFR 63 Subparts A and ZZZZ; Title 129, Chapter 28, Section 001.88

- (1) Permitted Emission Points: The emission points, control equipment, and emission units at the source that are subject to the requirements in this condition at the time of permit issuance are described in Attachment A, in accordance with Air Quality Operating Permit Application #08R1-019 received April 11, 2008, and its update received November 19, 2013, including any supporting information received prior to issuance of this permit.
- (2) Applicable Requirement: 40 CFR 63 Subparts A and ZZZZ as adopted by reference in Title 129, Chapter 28, Sections 001.01 and 001.88.
- (3) Emission Limitation: n/a
- (4) The permittee shall demonstrate compliance with the Subpart ZZZZ requirements as follows:

Type of Compliance Demonstration or Method	Regulatory or Operating Permit (OP08R1-019) Condition Citation	Description of Compliance Demonstration or Method
(4)(a)(i) Operational	40 CFR Part 63 Subpart ZZZZ Title 129, Chapter 28, Section <u>001.88</u> Condition I.(I)	(4)(a)(i)(A) Operate/maintain the RICE in accordance with the operating and maintenance requirements of 40 CFR Part 63 Subpart ZZZZ
(4)(a)(ii) Recordkeeping	40 CFR Part 63 Subpart ZZZZ Title 129, Chapter 28, Section <u>001.88</u> Condition I.(H)	(4)(a)(ii)(A) The permittee shall comply with the applicable recordkeeping requirements in 40 CFR 63 Subpart ZZZZ. (4)(a)(ii)(B) The permittee shall comply with the general recordkeeping requirements in Condition I.(H).
(4)(a)(iii) Reporting	Condition II.(A)	(4)(a)(iii)(A) Except for applicable requirements prescribed in Specific Condition II, this condition establishes no additional specific reporting requirements for the emission points identified in Condition III.(F)(1).
(4)(a)(iv) Performance Testing	Condition I.(M)	(4)(a)(iv)(A) Performance testing, if required, shall be conducted in accordance with Condition I.(M).

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS:

- (G) Specific Conditions for Construction Permit issued October 22, 1980 and NDEQ Letter 1-27-1998, Condition VI

(1) Permitted Emission Points:

Emission Point ID#	Emission Unit ID# and Description
S0801	426.KD1: #2 Kiln (HW)

(2) Operational and Monitoring Requirements:

- (a) The HW kiln shall not exceed 657,000 short tons of cement clinker per year to be recorded on a 12-month rolling average basis (NDEQ Letter 1-27-1998, Condition VI; Title 129, Chapter 8, Section 013).
- (b) The source will not exceed the "Lowest Achievable Emission Rates" as set forth below and will comply with the equipment specifications as set forth below (Construction Permit issued October 22, 1980, Condition 6B):
- (i) 0.01 gr/ACFM from the HW kiln
- (ii) 0.009 gr/ACFM from the HW kiln's clinker cooler
- (iii) Dust collectors with air/cloth ratios not to exceed
- 5.8:1 on the HW kiln feed system
 - 4.14:1 on the coal grinding system
- (c) The maximum hourly raw material feed rate (not including cement kiln dust (CKD) that is recycled within the kiln/electrostatic precipitator (ESP)/baghouse system) for the Humboldt-Wedag kiln shall be 115 metric tons per hour, to be recorded hourly (NDEQ Letter 1-27-1998, Condition VI; Title 129, Chapter 8, Section 013).
- (i) In the event that Ash Grove wishes to increase the feed rate to higher than 115 metric tons/hour, the following analysis will have to be conducted to ensure that the kiln tower projects of 1994 will not trigger Prevention of Significant Deterioration (PSD) construction permit requirements: (NDEQ Letter 1-27-1998, Condition VI(A); Title 129, Chapter 8, Section 013)
- A. Stack tests must be completed to quantify actual emissions (lbs/ton of clinker produced and lbs/hr) of CO, SO₂, NO_x, PM, PM₁₀, VOCs, Lead, and Mercury; while operating at a raw material feed rate of 115 metric tons per hour and recycling CKD from the ESPs back into the kiln system. This information will be used to quantify the emissions of pollutants at kiln feed rates that existed prior to the 1994 kiln cyclone modification and include any change of emissions due to the recycling of CKD back into the kiln (establish a baseline for emission levels based upon pre-1994 modification kiln feed rates and account for any change in emissions due to the increase in system

- efficiency realized by recycling the CKD collected in the kiln's ESPs).
- B. Conduct stack tests to quantify actual emissions (lbs/ton of clinker produced and lbs/hr) of CO, SO₂, NO_x, PM, PM₁₀, VOCs, Lead, and Mercury; while operating at the raw material feed rate that Ash Grove wishes to establish as the new short term limit (metric tons per hour) while recycling CKD from the ESP's.
 - C. Analyze the lb/ton of clinker produced emission rate change, comparing emission rates of pollutants at the new kiln feed rate in comparison with the emission rates established in accordance with item 1, and calculate the potential emissions increase in tons per year (based on 8,760 hours/year or other hours of operation per year limitation that Ash Grove wishes to establish as an enforceable limit and the emission rate change calculated in this part) for each pollutant subject to permitting applicability. If the calculated potential increase in emissions of any pollutant is above PSD significance levels {CFR 40 part 52.21 (b)(23)} then the increasing of kiln feed rate (metric ton/hr) will trigger the requirement of PSD permitting to increase the kiln feed rate. If the potential change in emissions would trigger PSD permitting requirements (Title 129, Chapter 19), then the source may test at a lower kiln feed rate to demonstrate a potential emission change below PSD permitting requirements or submit a PSD permit application to the Department.
 - D. Stack testing protocols must be submitted and approved by the Department before stack testing can be conducted to establish emission levels for item 1 or to establish a higher kiln feed rate. Pollutants for which emission rates must be determined during stack tests for this condition must include, but are not limited to: CO, SO₂, NO_x, PM, PM₁₀, VOCs, Lead, and Mercury. The types of fuels burned during any stack tests conducted for this condition shall be in the same approximate proportional amounts as the proportional amounts that were fueled during the baseline stack tests (tests conducted to fulfill the requirement of subpart 1 of part A of condition VI of this permit). Approval of a test protocol to establish a higher feed rate by the Department will allow the source to operate at the desired higher feed rate for the purpose of the testing and for a brief time prior to the testing not to exceed 7 days. Immediately following the testing, the kiln must continue to operate at or below the feed rate that is currently permitted. The source should submit a report that includes a permitting applicability analysis for the pollutants listed above. This report must be analyzed and

approved by the Department before the kiln feed limit can be increased to allow the source to operate at the higher kiln feed rate level. The source shall notify the Department at least 30 days prior to any stack testing performed to establish the emission levels of part 1 or to establish a higher kiln feed rate. The Department reserves the right to monitor all stack tests.

Performance testing, if required, shall be conducted in accordance with Condition I.(M).

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS:

(H) Specific Conditions for Construction Permit issued September 12, 2000

(1) Permitted Emission Points:

Emission Point ID#	Emission Unit ID# and Description
S2102	631.DE1: Cement Storage Dome Dust Collector
S2101	631.DE2: Cement Storage Dome Dust Collector
S2006	631.DE3: Bulk Storage System Dust Collector

(2) Operational and Monitoring Requirements:

- (a) Emissions from the cement storage dome and associated conveying equipment shall be controlled by three fabric filter dust collectors as follows:
- (i) The cement storage dome and pneumatic conveying equipment for transfer of cement from the finish mill to the dome shall be ventilated to dust collector 631.DE1.
 - (ii) The screw pump hopper for withdrawal of cement from the dome shall be ventilated to dust collector 631.DE2.
 - (iii) The pneumatic conveying equipment for transfer of cement from the dome to the Silos #38-43 shall be ventilated to a dust collector 631.DE3.
- (b) Particulate emissions from each fabric filter (631.DE1, 631.DE2, and 631.DE3) shall not exceed 0.01 grains per dry standard cubic feet (gr/dscf).
- (c) Operation of each fabric filter dust collector shall be in accordance with the following requirements:
- (i) The fabric filter dust collectors (631.DE1, 631.DE2, and 631.DE3) shall be operated at all times associated equipment is in operation.
 - (ii) The fabric filter dust collectors (631.DE1, 631.DE2, and 631.DE3) shall be properly installed, operated, and maintained. Manufacturer's instructions, if available, shall be kept onsite and readily available to Department representatives.
 - (iii) Each fabric filter dust collector (631.DE1, 631.DE2, and 631.DE3) shall be equipped with an operational pressure differential indicator.
 - (iv) Routine observations (at least once each day of dust collector operation) shall be conducted to determine whether there are visible emissions from the stack, leaks or noise, atypical pressure differential readings, or other indications which may necessitate corrective action. Corrective action shall be taken immediately if necessary.

- (v) Collected material from the fabric filter dust collectors (631.DE1, 631.DE2, and 631.DE3) shall be handled, transported, and stored in a manner that ensures compliance with Condition I.(L).
- (3) Recordkeeping and reporting requirements:
 - (a) Records shall be maintained on-site for a minimum period of two (2) years. These records shall be clear and readily accessible to Department representatives and shall include the following:
 - (i) Inspection and maintenance records for each fabric dust collector, including the following:
 - A. Records documenting when routine observations were performed with a description including pressure differential readings and any atypical observations.
 - B. Records documenting when routine maintenance and corrective actions were performed with a description of the maintenance and/or corrective action performed.
 - C. Filter replacement records including filter position, type, and the date of filter installation.
 - D. Records documenting equipment failures, malfunctions, or other variations, including time of occurrence, remedial action taken, and when corrections were made.

Performance testing, if required, shall be conducted in accordance with Condition I.(M)

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS:

(I) Specific Conditions for Construction Permits issued August 1, 2003 and March 2, 2018

(1) Permitted Emission Points:

Particulate emissions (PM/PM₁₀) from the fly ash/cement handling system and associated existing equipment shall be captured and controlled by the fabric filter dust collectors (baghouses) specified in the following table: (Title 129, Chapters 4 and 19)

Emission Point ID#	Emission Unit ID# and Description
S2302	502.DE5: Bin Vent Dust Collector
S2301	502.DE6: Unloading Hopper Dust Collector
S2303	505.DEA: Rail Silo Dust Collector
S1803	601.DE2: West Storage Bin Dust Collector
S2007	621.DE4: South Truck Loadout System
S1305	514.DE2 or 524.DE2: Separator
S1306	514.DE1 or 524.DE1: Mill Sweep to Bucket Elevator
S2006	631.DE3: Bulk Storage System Dust Collector
S2102	621.DE1: Bulk Storage System Dust Collector
S2102	631.DE1: Cement Storage Dome Dust Collector
S2101	631.DE2: Cement Storage Dome Dust Collector
S1702	505.DE4: Rail Silo System Dust Collector
S1802	505.DE6: Bulk Truck & Rail Loading Dust Collector

(2) Operational and Monitoring Requirements:

- (a) Operation of each fabric filter dust collector shall be in accordance with the following requirements:
- (i) The fabric dust collectors shall be operated at all times when the associated emission units are in operation.
 - (ii) The fabric dust collectors shall be properly installed, operated, and maintained.
 - (iii) Each fabric dust collector shall be equipped with an operational pressure differential indicator or a bag leak detection system. If a pressure indicator is used, the pressure differential indicator readings shall be recorded at least once each day that the associated fabric dust collector is operating. If a bag leak detection system is used, the bag leak detection system shall monitor the appropriate operating parameter(s) indicative of the associated fabric dust collector performance. The pressure indicator (or bag leak detection system) shall be installed, calibrated, operated and maintained in accordance with manufacturer's specifications. Manufacturer's specifications shall be kept on site and readily available to Department representative.

- (iv) Fabric dust collector filter bags/cartridges are to be inspected and/or replaced according to the approved Operations and Maintenance Plan (OMP) specified in Condition III.(I)(2)(a)(vii).
 - (v) If a pressure indicator is used, regular observations at least once each day shall be conducted to determine whether there are excessive visible emissions from the stack, atypical operating parameters (including operational pressure differential), excessive leaks or noise, or other indications of poor performance requiring corrective action. Corrective action shall be taken immediately if necessary.
 - (vi) If a bag leak detection system is used, the bag leak detection system shall be equipped with an alarm that shall be activated when the operating parameter(s) fall outside the specific range(s) indicative of normal operation. Corrective actions shall be taken immediately if necessary.
 - (vii) The approved OMP shall become a part of this permit.
 - (viii) Collected waste material from the fabric dust collectors shall be handled, transported, or stored in a manner that ensures compliance with Condition I.(L).
- (b) Total throughput of materials received at the railcar receiving system shall not exceed 1,000,000 tons in any period of twelve (12) consecutive calendar months.
 - (c) Total throughput of materials shipped via the new south truck loadout system shall not exceed 300,000 tons in any period of twelve (12) consecutive calendar months.
 - (d) Total throughput of materials derived from the materials received at the new railcar receiving system and subsequently shipped via the north truck silos loadout system shall not exceed 658,583 tons in any period of twelve (12) consecutive calendar months.

(3) Emission Limitations:

- (a) Particulate (PM/PM₁₀) emissions from the fabric dust collectors shall not exceed the limits in the following table:

Emission Source ID No.	PM/PM₁₀ Limits (gr/dscf)*
502.DE5, 502.DE6, 505.DEA, 601.DE2, 621.DE4, 631.DE1, 631.DE2, and 631.DE3	0.005
505.DE4, 505.DE6, 514.DE1, 524.DE1, and 621.DE1	0.01
514.DE2 and 524.DE2	0.0074

* Limit applies to each fabric filter dust collector

- (b) PM₁₀ emissions from the haul roads shall not exceed the limits in the following table:

Emission Source	Road Type	Road Length (ft)	Controlled PM ₁₀ Emission Limit (lb/hr) ^a
South Truck Loadout (HR1)	Unpaved	1325	0.034
South Truck Loadout (HR1)	Paved	1640	0.021
North Truck Silos Loadout (HR2)	Paved	730	0.025 ^b

^a Limit represents annual average hourly emissions based on annual throughput and 8760 hrs/yr.

^b Limit represents only the incremental increase in annual throughput of materials derived from the material received at the new railcar receiving system and subsequently shipped via the north truck silos loadout system

(4) Recordkeeping and reporting requirements:

(a) Records of all limits, measurements, results, inspections, and observations listed in Conditions III.(1)(2)(a) through (3)(b), as required to ensure compliance with this permit shall be maintained. Whenever the record involves a quantity, a running total for any period of twelve (12) consecutive calendar months must be maintained. The production or throughput shall be totaled and recorded daily if data from previous month(s) show that it is possible to exceed the consecutive twelve-month limit during the calendar month. Monthly and 12-consecutive calendar month calculations and records shall be completed no later than the 15th day of each month through the previous month. Records shall be kept on-site for a minimum of five years. These records shall be clear and readily accessible to Department representatives and shall include the following:

- (i) Copy of the Operations and Maintenance Plan approved by the Department and all records specified in the plan. The OMP shall include, at a minimum, the following records:
 - A. If a pressure indicator is used, records documenting when routine observations were performed with a description, including operating parameters (e.g., pressure differential readings) and any atypical observations. The records shall include the operating ranges for each operating parameter established during the performance testing.
 - B. If a bag leak detection system is used, records documenting when the alarm was activated, including time of occurrence, remedial action taken, and when corrections were made.
 - C. Records documenting when routine maintenance and corrective actions were performed with a description of the maintenance and/or corrective action performed.

- D. Filter replacement records including filter position, type, and date of filter installation.
 - E. Records documenting equipment failures, malfunctions, or other variations, including time of occurrence, remedial action taken, and when corrections were made.
- (ii) Copies of all notifications, reports, test results and plans used to show compliance with this permit.
 - (iii) Material throughput records for each calendar month and for each period of twelve (12) consecutive calendar months to demonstrate compliance with Conditions III.(I)(2)(b),(c) and (d).
 - (iv) Copy of the Fugitive Dust Control Plan approved by the Department and all records specified in the plan.
 - (v) A site survey or similar documentation demonstrating compliance with the restricted public access provisions and stack height limitations.

Performance testing, if required, shall be conducted in accordance with Condition I.(M).

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS:

(J) Specific Conditions for Construction Permit CP18-054 issued May 22, 2019; Reopen for Cause for a Portland cement plant based upon consent decree requirements

- (1) Permitted Emission Points: The source shall operate the previously permitted and constructed emission units and associated emission points identified in the following table with the required control equipment as indicated:

Emission Point ID#	Required Control Equipment	Emission Unit ID# and Description
S0503	DAA, Baghouse	416.KD1: #1 Kiln (ACL)
S0801	DAA, Baghouse, SNCR	426.KD1: #2 Kiln (HW)

(2) Applicable Requirements: Title 129, Chapters 4, 19, and 20

(3)(a) Emission Limitations: 416.KD1: #1 Kiln (ACL)

PM – 0.07 lb/ton of clinker
 SO₂ – 3.0 lb/ton of clinker
 NO_x – 15.2 lb/ton of clinker

(3)(b) Emission Limitations: 426.KD1: #2 Kiln (HW)

PM – 0.07 lb/ton of clinker
 SO₂ – 2.6 lb/ton of clinker
 NO_x – 3.5 lb/ton of clinker

(4) The permittee shall demonstrate compliance with the emission limits of Condition III.(J)(3) as follows:

Type of Compliance Demonstration or Method	Regulatory or Operating Permit (OP08R1-019) Condition Citation	Description of Compliance Demonstration or Method
Monitoring	Condition III.(A)(3)(a) CP18-054, issued May 22, 2019	The permittee shall determine and record daily clinker production rates using one of two methods contained in Condition III.(A)(3)(a) of CP18-054, issued May 22, 2019
	Condition III.(A)(3)(b), CP18-054, issued May 22, 2019	Each CEMS required pursuant to Condition III.(A)(3)(b) of CP18-054, shall monitor and record the applicable NO _x emission rate from each kiln stack in units of lbs of NO _x per ton of clinker produced at such kiln.
	Condition III.(A)(3)(c), CP18-054, issued May 22, 2019	Each CEMS required pursuant to Condition III.(A)(3)(c) of CP18-054, shall monitor and record the applicable SO ₂ emission rate from each kiln stack in units of lbs of SO ₂ per ton of clinker produced at such kiln.
	Condition III.(A)(3)(e)(i), CP18-054, issued May 22, 2019	Each CPMS shall monitor and record the output data for all periods of kiln operation when the CPMS is not out-of-control.
Operational	Condition III.(A)(3)(b), CP18-054, issued May 22,	The permittee shall install and make operational a NO _x continuous emission monitoring system (CEMS) at the Louisville HW Kiln stack (S801) and the Louisville

	2019	<p>ACL Kiln stack (S503) which collect emissions from each kiln in accordance with the requirements of 40 CFR Part 60.</p> <p>(i) Except during CEMS breakdowns, repairs, calibration checks, and zero span adjustments, the CEMS shall be operated at all times during kiln operation.</p> <p>(ii) Each CEMS shall be installed, certified, calibrated, maintained, and operated in accordance with the applicable requirements of 40 CFR Part 60.</p> <p>(iii) All emissions of NO_x from the kilns shall be measured by CEMS. During any time when CEMS are inoperable and otherwise not measure emissions of NO_x from either kiln, the permittee shall apply the missing data substitution procedures in 40 CFR Part 75, Subpart D.</p>
Operational	<p>Condition III.(A)(3)(c), CP18-054, issued May 22, 2019</p>	<p>The permittee shall install and make operational a SO₂ CEMS at the Louisville HW Kiln stack (S801) and the ACL Kiln stack (S503) which collect emissions from each kiln in accordance with the requirements of 40 CFR Part 60.</p> <p>(i) Except during CEMS breakdowns, repairs, calibration checks, and zero span adjustments, the CEMS shall be operated at all times during kiln operation.</p> <p>(ii) Each CEMS shall be installed, certified, calibrated, maintained, and operated in accordance with the applicable requirements of 40 CFR Part 60.</p> <p>(iii) All emissions of SO₂ from the kilns shall be measured by CEMS. During any time when CEMS are inoperable and otherwise not measure emissions of SO₂ from either kiln, the permittee shall apply the missing data substitution procedures in 40 CFR Part 75, Subpart D.</p>
	<p>Condition III.(A)(3)(d), CP18-054, issued May 22, 2019</p>	<p>The permittee shall install and make operational a PM continuous parametric monitoring system (CPMS) at the Louisville ACL Kiln stack (S503) and the HW Kiln stack (S801) in accordance with requirements in Condition III.(A)(3)(d) of CP18-054 issued May 22, 2019.</p>
Recordkeeping	<p>Condition III.(A)(5)(a), CP18-054, issued May 22, 2019</p>	<p>To determine continuous operating compliance with the PM limit in Condition III.(A)(2)(a) of CP18-054, the permittee must record the PM CPMS output data for all periods of kiln operation when the CPMS is not out-of-control. The permittee must use all quality-assured hourly average data collected by the PM CPMS for all operating hours to calculate the arithmetic average operating parameter in units of the operating limit on a 30 operating day rolling average basis, updated at the end of each now kiln operating day. The permittee is to use the equation found in Condition III.(A)(5)(a) of</p>

		CP18-054 issued May 22, 2019.
	Condition III.(A)(5)(b), CP18-054, issued May 22, 2019	Until five years after the termination of the Consent Decree, the permittee shall retain, and shall instruct its contractors and agents to preserve, all non-identical copies of all documents, records, or other information (including documents, records, or other information in electronic form) in its or its contractors or agents possession or control, or that come into its or its contractors or agents possession or control, and that relate in any manner to the permittee's performance of its obligations under the Consent Decree.
	40 CFR Part 63, Subparts A and LLL Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u>	Recordkeeping requirements of 40 CFR Part 63, Subparts A and LLL apply to the emission units listed in Condition III.(J)(3).
	40 CFR Part 60 Subparts A and F Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.40</u>	Recordkeeping requirements of 40 CFR Part 60 Subparts A and F apply to the emission units listed in Condition III.(J)(3).
Reporting	Condition III.(A)(5)(b)(i), CP18-054, issued May 22, 2019	At the conclusion of the information-retention period, the permittee shall notify the United States and the NDEE at least 90 day prior to the destruction of any documents, records, or other information subject to the requirements of Condition III.(A)(5)(b)(i) and, upon request by the United States or the NDEE, permittee shall deliver any such documents, records, or other information to US EPA or the NDEE. Permittee may assert that certain documents, records, or other information is privileged under the attorney-client privilege or any other privilege recognized by federal law. The permittee must provide information outlined in Condition III.(A)(5)(b)(i) of CP18-054.
Performance Testing	Condition III.(A)(2)(b), CP18-054, issued May 22, 2019	The permittee shall demonstrate compliance with a PM limit in Condition III.(R)(3) by conducting a performance test in accordance with EPA Method 5 that consists of at least three separate test runs. The average of the results from three consecutive runs shall be used to determine compliance. The performance test shall be repeated at least every 365 operating days.
	Conditions III.(A)(3)(f), CP18-054, issued May 22, 2019	For each performance test, the permittee shall conduct at least three separate runs under the conditions that exist when the kiln is operating at the highest load or capacity level reasonably expected to occur. The permittee shall conduct each test run to collect a minimum sample volume of two (2) dry standard cubic meters (dscm) for determining compliance with a new source limit and one (1) dscm for determining compliance with an existing source limit. The permittee shall calculate the average

		of the results from three consecutive runs to determine compliance.
--	--	---

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS:

(K) Specific Conditions for Insignificant Activities:

- (1) The following table contains a description of insignificant activities at the source at the time of permit issuance, in accordance with operation permit application OP08R1-019, received April 11, 2008, and its revision received November 19, 2013, including any supporting information received prior to issuance of this permit:

Insignificant Activity ID	Unit Description	Insignificance Criteria
6	Diesel fuel storage tank, 1,000-gallon capacity	Annual aggregate fuel throughput of <1,000,000 gallons for the entire source
0120	Diesel fuel storage tank, 12,000-gallon capacity	Annual aggregate fuel throughput of <1,000,000 gallons for the entire source
0121	Diesel fuel storage tank, 12,000-gallon capacity	Annual aggregate fuel throughput of <1,000,000 gallons for the entire source
7, 9, 11, 12, 23, 24, 25	Diesel fuel storage tanks, each with a 500-gallon capacity	Annual aggregate fuel throughput of <1,000,000 gallons for the entire source
10	Diesel fuel storage tank, 560-gallon capacity	Annual aggregate fuel throughput of <1,000,000 gallons for the entire source
16, 22	Diesel fuel storage tanks, each with a 300-gallon capacity	Annual aggregate fuel throughput of <1,000,000 gallons for the entire source
8	Gasoline storage tank, 1,000 gallon capacity	Major source for HAPS, NESHAP CCCCCC does not apply

(2) Emission Limitations:

Each insignificant activity shall not exceed the permitted limits identified in the following table (Title 129, Chapter 7, Section 006.04).

Insignificant Activity ID#	Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
All units identified in Condition III.(J)(1)	Opacity	< 20 percent for each unit	6 minutes	Title 129, Chapter 20, Section <u>004</u>	No

^[1] VOCs and HAPs are not visible, so compliance with the opacity limit will occur.

(3) Operational and Monitoring Requirements:

The insignificant activities identified in Condition III.(K)(1) are exempt from operational and monitoring requirements (Title 129, Chapter 7, Section 006.04 and Chapter 8, Section 004.01B).

IV. SPECIFIC CONDITIONS FOR MULTIPLE AFFECTED EMISSION POINTS:

(A) Visible Emissions Monitoring Plan

- (1) The permittee shall develop and update as needed a Visible Emissions Monitoring Plan for the emission points at AGCC that are subject to an opacity limit. The plan shall contain the following minimum requirements from an applicable NSPS and/or NESHAP (Title 129, Chapter 8, Section 004.01; Chapter 20, Sections 004 and 006; and Chapter 21):

- (a) A source representative shall conduct visible emissions monitoring using USEPA Method 22 of 40 CFR 60 Appendix A. If visible emissions are detected, a source representative certified in USEPA Method 9 shall conduct a Method 9 survey to determine compliance with the opacity limit applicable to the affected emission point. All observations shall be made during daylight hours while the emission unit is in operation.

Note: Please see §63.1350 for additional requirements for emission units subject to Subpart LLL.

- (b) The visible emissions survey of each emission point shall last at least 6 minutes.
- (c) The visible emissions survey of each emission point shall be conducted once per month. If no visible emissions are observed in six consecutive months, the frequency of survey may become semiannual. If visible emissions are observed during any semiannual test, then the frequency of surveys for that emission point shall become monthly again.

If no visible emissions are observed during the semiannual survey for any emission point, then the frequency of surveys may be annual for that emission point. If visible emissions are observed during any annual performance test, the frequency of surveys for that emission point shall become monthly until no visible emissions are observed for at least six months.

- (d) For each emission point with observed visible emissions that exceed the opacity limit, the Method 9 certified source representative shall proceed with appropriate corrective action, and record the following:

- (i) The emission point identification number
- (ii) The cause of the emissions;
- (iii) The corrective action taken; and
- (iv) The opacity following the corrective action.
- (v) The date and initials of the source representative taking the opacity readings.
- (vi) The permittee shall keep records of each persons' certification in USEPA Method 9 on-site for a minimum of five (5) years.

- (e) The visible emissions monitoring plan shall address monitoring of open or partially enclosed sources within a building.

- (f) The visible emissions monitoring plan shall address monitoring of the reciprocating internal combustion engines (RICE) that power the emergency generator and water pumps.

(B) Fugitive Dust Control Plan

The permittee shall develop and update as needed a Fugitive Dust Control Plan. The plan shall include control measures and practices as well as monitoring and recordkeeping. If air pollution control devices (APCD) are used for compliance at stone crushing operations, then

the plan shall contain operational and monitoring requirements for the APCD (Title 129, Chapter 8, Sections 004.01 and 004.02; Chapter 21, and Chapter 32, Sections 001 and 002).

(C) Annual Equipment Update

The permittee shall update the equipment list (emission points and/or emission units), associated control equipment, and related applicable requirements in Attachment A to this operating permit once per year. The update shall include only the changes that have occurred during the preceding calendar year and is due on April 30. The update can be combined with another required report that has the same due date, if the permittee chooses to do so (Title 129, Chapter 8, Section 013).

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0145a	-	0145a	Drop From Dust Collector To Pile
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0201	-	0201	Clay Hopper
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0202	-	0202	Hopper to Feeder
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0210a	-	0210a	Truck Dumping To Hopper - Stone Crusher
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0210b	-	0210b	Hopper - Stone Crusher
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0214	-	0214	Stone Gyratory Feed To Conveyor
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0219I	-	0219I	Drop From Dust Collector To Conveyor
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0220	S0203	S0203	Screens To Conveyor 23-102
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0224	-	0224	Belt Conveyor Transfer To Surge Bin
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0232	-	0232	Belt Conveyor Transfer To 28-231
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0233	-	0233	Belt Conveyor Transfer
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0234	-	0234	Belt Conveyor Transfer To 28-201
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0235	-	0235	Belt Conveyor Transfer

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0237a-c	-	0237a-c	A - Frame Storage Building
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0242	-	0242	Belt Conveyor Transfer
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0237d	-	0237d	A - Frame Storage Building Loading By Truck
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0206i	-	S0201	Stone and Clay Crushing Dust Collector
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0219i	-	S0203	Drop from Dust Collector
III.A	Title 129, Chapter 20, Section 001; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	None	-	S0216	Drop from Dust Collector
III.A	Title 129, Chapter 20, Section 002; Particulate Emissions; Limitations and Standards, PM (filterable) Limits (Combustion Emission Units)	110.WP1	-	110.WP1	6" Water Pump Reciprocating Internal Combustion Engine (RICE)
III.A	Title 129, Chapter 20, Section 002; Particulate Emissions; Limitations and Standards, PM (filterable) Limits (Combustion Emission Units)	110.WP2	-	110.WP2	6" Water Pump RICE
III.A	Title 129, Chapter 20, Section 002; Particulate Emissions; Limitations and Standards, PM (filterable) Limits (Combustion Emission Units)	110.WP3	-	110.WP3	6" Water Pump RICE
III.A	Title 129, Chapter 20, Section 002; Particulate Emissions; Limitations and Standards, PM (filterable) Limits (Combustion Emission Units)	0318a	-	316.HG1	30.5 MMBtu/hr Heater
III.A	Title 129, Chapter 20, Section 002; Particulate Emissions; Limitations and Standards, PM (filterable) Limits (Combustion Emission Units)	0319a	-	316.HG2	30.5 MMBtu/hr Heater
III.A	Title 129, Chapter 20, Section 002; Particulate Emissions; Limitations and Standards, PM (filterable) Limits (Combustion Emission Units)	710.EG1	-	710.EG1	500 kW Emergency Generator RICE
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0145a	-	0145a	Drop From Dust Collector To Pile
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0201	-	0201	Clay Hopper
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0202	-	0202	Hopper to Feeder

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0210a	-	0210a	Truck Dumping To Hopper - Stone Crusher
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0210b	-	0210b	Hopper - Stone Crusher
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0214	-	0214	Stone Gyratory Feed To Conveyor
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0219I	-	0219I	Drop From Dust Collector To Conveyor
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0220	S0203	S0203	Screens To Conveyor 23-102
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0224	-	0224	Belt Conveyor Transfer To Surge Bin
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0232	-	0232	Belt Conveyor Transfer To 28-231
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0233	-	0233	Belt Conveyor Transfer
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0234	-	0234	Belt Conveyor Transfer To 28-201
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0235	-	0235	Belt Conveyor Transfer
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0237a-c	-	0237a-c	A - Frame Storage Building
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0242	-	0242	Belt Conveyor Transfer
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0237d	-	0237d	A - Frame Storage Building Loading By Truck

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0206i	-	S0201	Stone and Clay Crushing Dust Collector
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	0219i	-	S0203	Drop from Dust Collector
III.A	Title 129, Chapter 20, Section 004; Particulate Emissions; Limitations and Standards, Opacity Limit (Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, or APCDs)	None	-	S0216	Drop from Dust Collector
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0201	-	0201	Clay Hopper
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0202	-	0202	Hopper to Feeder
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0210a	-	0210a	Truck Dumping To Hopper - Stone Crusher
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0210b	-	0210b	Hopper - Stone Crusher
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0214	-	0214	Stone Gyratory Feed To Conveyor
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0224	-	0224	Belt Conveyor Transfer To Surge Bin
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0232	-	0232	Belt Conveyor Transfer To 28-231
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0233	-	0233	Belt Conveyor Transfer
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0235	-	0235	Belt Conveyor Transfer
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0242	-	0242	Belt Conveyor Transfer
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0145a	-	0145a	Drop From Dust Collector To Pile
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0219I	-	0219I	Drop From Dust Collector To Conveyor
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0220	S0203	S0203	Screens To Conveyor 23-102
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0234	-	0234	Belt Conveyor Transfer To 28-201
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0237a-c	-	0237a-c	A - Frame Storage Building
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	2231	-	2231	Loading Fines Into Work Pile

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	2233	-	2233	Loading Of Grizzly Feeder By Loader
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	2234a	-	2234a	Grizzly Feeder
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	2234b	-	2234b	Transfer From Grizzly Feeder To Underconveyor
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	2234c	-	2234c	Transfer From Underconveyor To Conveyor
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	2236	-	2236	Screen
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	2237	-	2237	Transfer From Stacking Belt To Screened Material Pile
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	2239	-	2239	Truck Loading
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	2240	-	2240	Unpaved Haul Road from Screening Plant
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	2241	-	2241	Transfer From Stacking Belt To Screen Rejects Pile
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	2242	-	2242	Grizzly Rejects Dropping To Pile
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	2250	-	2250	Loading of Overburden to Truck
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	2254b	-	2254b	Loading of Limestone to Truck
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0203	S0201	S0201	Clay Feeder To Conveyor
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0204	S0201	0204	Crusher To Conveyor
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0205a	S0216	S0216	Clay/Limestone Crusher
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0205b	S0216	S0216	Feeder To Crusher
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0205c	S0216	S0216	Conveyor To Crusher
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	02061	S0201	02061	Drop From Dust Collector To Conveyor
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0212	S0203	S0203	Feeder
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0213a	S0203	S0203	Impactor

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0213b	S0203	S0203	Feeder To Impactor
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0217	S0203	S0203	Screen To Conveyor
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0218	S0203	S0203	Screen To Conveyor
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0221a	S0203	S0203	Screen
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0221b	S0203	S0203	Impactor To Screen
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0222	S0216	S0216	Surge Bin To Belt Conveyor
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0223	S0203	S0203	Feeder
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0225a	S0203	S0203	Impactor
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0225b	S0203	S0203	Feeder To Impactor
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0226a	S0203	S0203	Screen
III.B	Title 129, Chapter 21, Controls for Transferring, Conveying, Railcar and Truck Loading at Rock Processing Operations in Cass County	0226b	S0203	S0203	Impactor To Screen
III.C	40 CFR Part 60 Subparts A and F; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.40</u> Standards of Performance for Portland Cement Plants	0508 / 416.KDI	413.BF1	S0503	ACL Kiln
III.C	40 CFR Part 60 Subparts A and F; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.40</u> Standards of Performance for Portland Cement Plants	0702 / 426.KDI, 424.PHI	423.BF1	S0801	HW Kiln/Preheater
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1010 / 40A.DV2	-	40.DV2	Diverter Gate
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1024 / 40A.BC2	-	40A.BC2	Belt Conveyor
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1013/40A.VF2	40A.DE1		Vibrating Feeder

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1018/40A.BE1	40A.DE2		Bucket Elevator/Reversible Belt
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1019/40A.SX1	40A.DE1		Coal Silo #1
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1017/40A.SX2	40A.DE1		Coal Silo #2
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1016/40A.DC1	40A.DE1		Drag Conveyor
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1015/40A.DC2	40A.DE1		Drag Conveyor
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1020/40A.BE2	40A.DE2		Bucket Elevator
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1021	40A.DE2		Drag Conveyor to Bucket Elevator
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1022/40A.BE2	40A.DE2		Gate Transfer To Truck Loading (Not Normally Used)
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1002/40A.CH1	40A.DE3		Bucket Elevator Feed Chute
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1007/40A.CH3	40A.DE3		Bucket Elevator To Diverter Gate

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1008/40A.CH3	40A.DE3		Bucket Elevator To Belt Conveyor
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1003B/40A.TC2	40A.DE4		Transfer To Truck - Pozzolan
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1038/40A.CH2	40A.DE4		Diverter Gate To Loader Spout
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1101/42B.BN1	40A.DE4		Fine Coal Storage Bin
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	40A.DE2	40A.DE2	40A.DE2	Drop From Dust Collector
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	40A.DE3	40A.DE3	40A.DE3	Drop From Dust Collector
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	40A.DE4	40A.DE4	40A.DE4	Drop From Dust Collector
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1001a / 40A.HP1	-	40A.HP1	Rail/Truck Unloading To Hopper (Belly Dumping)
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1001b / 40A.HP1	-	40A.HP1	Hopper To Belt Feeder
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1011 / 40A.HP2	-	40A.HP2	Hopper Loading From Spout #3 Or Front End Loader

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1003 / 40A.TC2	-	40A.TC2	Spout To Truck
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1009b 40A.TC3	-	40A.TC3	Loading Of Coal Storage Piles
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1105/ 42B.DV1	-	42B.DV1	Coal Transfer to Weigh Feeder
III.D	40 CFR 60 Subparts A and Y; Title 129, Chapter 18, Sections <u>001.01</u> and <u>001.08</u> ; Standards of Performance for Coal Preparation and Processing Plants (constructed, reconstructed or modified after October 24, 1974 and on or before April 28, 2008	1104b / 42B.DV1	-	42B.DV1	Loading Of Coal Storage Piles
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and 001.42; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry (Kiln)	0508 / 416.KDI	413.BF1	S0503	ACL Kiln
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and 001.42; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry (Kiln)	0702 / 426.KDI, 424.PHI	423.BF1	S0801	HW Kiln/Preheater
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and 001.42; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry (Kiln)	1103	428.DA1	S1102	HW Kiln Coal Mill
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and 001.42; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry (Clinker Cooler)	0603/417.CC1	417.DE1	S0603	ACL Kiln Clinker Cooler
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and 001.42; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry (Clinker Cooler)	0901 / 427.CC1	427.DE1	S0901	HW Kiln Clinker Cooler
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and 001.42; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry (Raw Mill)	0348 / 316.BM1	316.DE3	S0306	Raw Mill
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and 001.42; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry (Finish Mill)	1321a,b / 514.BM1	514.DE1	S1306	Finish Mill
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and 001.42; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry (Finish Mill)	1418a,b / 524.BM1	524.DE1	S1406	Finish Mill

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	0272 / 310BC.7	-	310.BC7	Belt Conveyor Transfer to Turnhead
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	0264 / 310.BC8		310.BC8	Belt Conveyor Transfer to Turnhead
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	310.DE1	310.DE1	S0202	Raw Material Handling System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	310.DE2	310.DE2	S0201	Raw Material Handling System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	310.DE3	310.DE3	S0210	Raw Material Handling System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	289/310.DE4	310.DE4	S0215	Raw Material Handling System Dust Collector

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> : NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	302A/315.CH9	-	315.CH9	Silo #2 to Weigh Feeder
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> : NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	312I/315.DE1	315.DE1	S0302	Raw Mill System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> : NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	315.DE2	315.DE2	S0303	Raw Mill System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> : NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	0325/316.SG1	-	316.SG1	Emergency Feeder Material Trap to tote Box
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> : NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	316.DE1	316.DE1	S0304	Separator Vent Dust Collector
III.J.3.d	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> : NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	316.DE2	316.DE2	S0305	Separator Vent Dust Collector

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	317.DE1	317.DE1	S0401	Kiln Feed System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	317.DE2	317.DE2	S0402	Kiln Feed System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	403.DE1	403.DE1	S0502	Kiln #1 Feed End Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	403.DE5	403.DE5	S0508	ACL ESP CKD Spout Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	0502 / 403.LS1	403.DE5	0502	ACL ESP CKD Truck Load Out Spout
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	403.DE4	403.DE4	S0605	Baghouse CKD Spout Dust Collector

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	0834/403.LS2	403.DE4	403.LS2	Truck Loading Spout
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	0620/409.DE1	409.DE1	S0601	Kiln #1 Burner End Dust Collector
III.J.3.d	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	0619/409.DE2	409.DE2	S0602	Kiln #1 Burner End Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	403.DE2	403.DE2	S0606	Baghouse Dust Bin Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	403.DE3	403.DE3	S0607	Lime Silo Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	40A.DE3	40A.DE3	S1001	Dust Collector, Ecolaire, rail unloading station

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	40A.DE4	40A.DE4	S1004	Dust Collector, Coal unloading truck loadout
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	1001A,B/40A.HP1	-	40A.HP1	Hopper
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	1003B/40A.TC2	-	40A.TC2	Spout coal unloading truck loadout spout
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	42B.DE4	42B.DE4	S1101	Coal Grinding System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	1103/42B.MW1	42B.DA1	S1102	Coal Mill
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	0543/412.CH1	-	412.CH1	Distribution Chute to Traveling Grate

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	412.DE1	412.DE1	S0506	Pelletizer Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	412.DE2	412.DE2	S0507	Kiln #1 Feed End Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	0611 / 417.DV1	-	417.DV1	Drag Conveyor to Drag Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	0612 / 417.DV1	-	417.DV1	Drag Conveyor to Drag Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	0415 / 422.AS1	-	422.AS1	Loadout to Truck from Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	0433 / 422.DE1	422.DE1	S403	Kiln Feed System Dust Collector

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	0904 / 427.DC1	-	427.DC1	Drag Conveyor to Drag Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	0905 / 427.DC1	-	427.DC1	Drag Conveyor to Screw Drag Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	0290I/502.DE1	502.DE1	S0214	Raw Material Handling System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	0249I/502.DE2	502.DE2	S0206	Raw Material Handling System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	502.DE3	502.DE3	S0211	Raw Material Handling System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	502.DE4	502.DE4	S0208	Raw Material Handling System Dust Collector

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	502.DE5	502.DE5	S2302	Bin Vent Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	2313/502.DE6	502.DE6	S2301	Unloading Hopper Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	503.DE1	503.DE1	S0604	Kiln #1 Burner End Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	504.DE1	504.DE1	S2304	Fly Ash Silo Unloading Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	505.DEA	505.DEA	S2303	Rail Silo Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	1821/505.DE2	505.DE2	S1801	Bulk Truck & Rail Loading Dust Collector

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	505.DE3	505.DE3	S1631	Rail Silo System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	505.DE4	505.DE4	S1702	Rail Silo System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	505.DE5	505.DE5	S1901	Rail Silo System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	1822/505.DE6	505.DE6	S1802	Bulk Truck & Rail Loading Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	505.DE7	505.DE7	S2002	Bulk Storage System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	505.DE8	505.DE8	S2001	Bulk Storage System Dust Collector

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	1324/513.BC1	-	513.BC1	Belt Conveyor Transfer to Mill
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	513.DE1	-	513.DE1	Finish Mill #1 System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	1310/513.DE2	-	513.DE2	Finish Mill #1 System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	514.DE2	514.DE2	514.DE2	General Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	1421/523.BC1	-	523.BC1	Belt Conveyor Transfer to Mill
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	1404/523.TC1	523.DE1	S1408	Finish Mill #2 System Dust Collector

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	14121/523.DE2	523.DE2	523.DE2	Finish Mill #2 System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	0302/523.WF5	-	523.WF5	Masonry Cross Belt Conveyor Transfer to Finish Mill #2
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	524.DE2	524.DE2	524.DE2	General Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	1440/524.BM1	-	524.BM1	Finish Mill to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	1419/524.RF1	-	524.RF1	Emergency Dump From Air Slide - Material Trap
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	601.DE2	601.DE2	601.DE2	West Storage Bin Dust Collector

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	621.DE1	621.DE1	621.DE1	Bulk Storage System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	2045/621.DE2	621.DE2	S2004	Bulk Storage System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	2053/621.DE3	621.DE3	S2005	Bulk Storage System Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	2055/612.DE4	621.DE4	S2007	South Truck Loadout System
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	2101/505.PL1	631.DE1	S2102	Cement Storage Dome Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	2103/631.AE1	631.DE2	S2101	Cement Storage Dome Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry Open or Partially Enclosed - Conveying System Transfer Points, Storage Bins, Unloading Systems, Raw Material Dryers, Bagging Systems, or the associated APCDs – With the potential to emit particulate matter	2057/631.SC4	631.DE3	S2006	Bulk Storage System Dust Collector

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry (Open Clinker Storage Piles)	0250a		0250a	Clinker Storage Piles (Outside Piles and Indoor Clinker Storage Building)
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0261 / 310.BC4	310.DE2	S0209	Belt Conveyor Transfer to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0268 / 310.BC5	310.DE4	S0215	Belt Conveyor Transfer to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0269 / 310.BC6	310.DE3	S0215	Belt Conveyor Transfer to Turnhead
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0266 / 310.BC6	310.DE4	S0210	Belt Conveyor Transfer to Turnhead
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0267 / 310.BC8	310.DE3	S0210	Belt Conveyor Transfer to Turnhead
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0275/310.CH10	502.DE4/502.DE3	S0208/S0211	Turnhead Transfer to #12 Finish Mill Feed Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0330 / 310.CH1	315.DE2	S0303	Surge Bin to Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0276 / 310.CH11	502.DE4/502.DE3	S0208/11	Turnhead Transfer to #21 Finish Mill Feed Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0274 / 310.CH12	502.DE4/502.DE3	S0208/11	Turnhead Transfer to #24 Finish Mill Feed Bin

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0284 / 310.CH13	502.DE4/502.DE3	S0208/11	Turnhead Transfer to #13 Finish Mill Feed Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0285 / 310.CH14	502.DE4/502.DE3	S0208/11	Turnhead Transfer to #14 Finish Mill Feed Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0287 / 310.CH16	502.DE4/502.DE3	S0208/11	Turnhead Transfer to #23 Finish Mill Feed Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0280 / 310.CH2	502.DE4/502.DE3	S0208/11	Turnhead Transfer to #1 Raw Mill Feed Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0270 / 310.CH3	310.DE4	S0215	Turnhead Transfer to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0279 / 310.CH4	502.DE4/502.DE3	S0208/11	Turnhead Transfer to #4 Raw Mill Feed Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0281 / 310.CH5	502.DE4/502.DE3	S0208/11	Turnhead Transfer to #5 Finish Mill Feed Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0282 / 310.CH6	502.DE4/502.DE3	S0208/11	Turnhead Transfer to #2 Raw Mill Feed Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0283 / 310.CH7	502.DE4/502.DE3	S0208/11	Turnhead Transfer to #3 Raw Mill Feed Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0278 / 310.CH9	502.DE4/502.DE3	S0208/11	Turnhead Transfer to #11 Finish Mill Feed Bin

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0289 / 310.DE4	-	310.DE4	Drop From Dust Collector to Turnhead
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	243I/310.DE1	310.DE1	310.DE1	Drop From Dust Collector to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0262I / 310.SC2	-	310.SC2	Drop From Dust Collector to Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0265I / 310.SC3	-	310.SC3	Drop From Dust Collector to Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0317 / 315.CH3	315.DE2	S0303	Feed Belt to Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0308 / 315.CH4	315.DE1	S0302	Weigh Feeder Transfer to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0313 / 315. CH5	315.DE1	S0302	#3 Apron Feeder to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0321 / 315. CH6	315.DE2	S0303	Bucket Elevator Transfer to Separator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0337 / 315.CH8	315.DE2	S0303	Dust Collector Drop to Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0312I / 315,DE1	315.DE1	315.DE1	Drop From Dust Collector to Belt Conveyor

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0272a / 315.SX1 - 315.SX5	502.DE4/502.DE3	S0208/11	Bins 1 - 5
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0303 / 315. WF1	315.DE1	S0302	Storage Bin Transfer to 24-101
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0305 / 315.WF1	315.DE1	S0302	Weigh Feeder Transfer to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0310 / 315.WF2	315.DE1	S0302	Storage Bin Transfer to 24-102
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0311 / 315.WF2	315.DE1	S0302	Weigh Feeder Transfer to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0314 / 315.WF3	315.DE1	S0302	Weigh Feeder Transfer to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0315 / 315.WF3	315.DE1	S0302	Apron Feeder Transfer to Weigh Feeder
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0309 / 315.WF4	315.DE1	S0302	Storage Bin Transfer to 24-104
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0328 / 315.WF5	315.DE1	S0302	Storage Bin Transfer to Apron Feeder
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0336 / 316.AS1	-	316.AS1	Air Slide to Air Slide

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0334 / 316.AS2	-	316.AS2	Air Slide to Bucket Elevators
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0335 / 316.AS2	-	316.AS2	Air Slide to Bucket Elevators
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	323/316.DU1 and 2	315.DE1	316.BE1	Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	342/316.CH4	315.DE1	316.BE2	Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0343 / 316.AS3	-	316.AS3	Air Slide to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0332 / 316.BE1	316.DE3	S0306	Bucket Elevator to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0331 / 316.BE2	316.DE3	S0306	Bucket Elevator to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0347 / 316.BM1	316.DE3	S0306	Mill Transfer to Airslide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0326 / 316.CH1	315.DE2	S0303	F.K. Pump Hopper
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0341 / 316.CH2	-	316.CH2	Screw Conveyor Drop to F.K. Pump Hopper

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0344 / 316.CH3	-	316.CH3	Air Slide to Separator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0342 / 316.CH4	316.DE3	S0306	Dust Collector Drop to Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0340 / 316.SC1	-	316.SC1	Dust Collector Drop to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0339 / 316.SC2	-	316.SC2	Dust Collector Drop to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0338 / 316.SC4	-	316.SC4	Dust Collector Drop to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points		-	316.SC5	Drop From Dust Collector to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points		315.DE2	316.SC5	Drop From Dust Collector to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0320	316.DE1 / 316.DE2	316.SR1	Raymond Separator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0440A/317.MP1	317.DE1/317.DE2	S401/S402	Loading Of Blending Silos #1
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0422 / 401.AS1	-	401.AS1	Air Slide to Air Slide

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0427 / 401.AS1	-	401.AS1	Air Slide to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0428 / 401.AS1	-	401.AS1	Air Slide to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0420 / 401.AS2	-	401.AS2	Surge Bin to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0423 / 401.AS2	-	401.AS2	Air Slide to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0418 / 401.AS4	-	401.AS4	Surge Bin to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0424b / 401.AS4	317.DE2	S0402	Screw Conveyor to Level Box
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0403 / 401.CH1	317.DE2	S0402	Level Box to Airslide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0421 / 401.SC1	-	401.SC1	Surge Bin to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0424c / 401.SC1	317.DE2	S0402	Screw Conveyor to Level Box
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0419 / 401.SC3	-	401.SC3	Surge Bin to Screw Conveyor

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0424a / 401.SC3	317.DE2	S0402	Screw Conveyor to Level Box
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0401d / 401.SX1	317.DE1/317.DE2	S0401/2	Blending Silos #1
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0401c / 401.SX2	317.DE1/317.DE2	S0401/2	Blending Silos #2
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0401b / 401.SX3	317.DE1/317.DE2	S0401/2	Blending Silos #3
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0401a / 401.SX4	317.DE1/317.DE2	S0401/2	Blending Silos #4
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0542 / 403.BE1	403.DE1	S0502	Bucket Elevator to Dust Load-Out Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0501 / 403.BN1	403.DE1	S0502	Dust Load Out Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0605 / 409.BE2	409.DE1	S0601	Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0604 / 409.BE4	409.DE2	S0602	Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0617 / 409.CH1	-	409.CH1	Bucket Elevator to Rejects Bin

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0618 / 409.CH1	-	409.CH1	Bucket Elevator to Rejects Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0613 / 409.DC1	-	409.DC1	Drag Conveyor to Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0631 / 409.DC2	-	409.DC2	Drag Conveyor to Finish Mill Feed Bins
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0640 / 409.DC2	-	409.DC2	Drag Conveyor to Weigh Feeder
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0629 / 409.DC3	-	409.DC3	Drag Conveyor to Finish Mill Feed Bins
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0614 / 409.DC4	-	409.DC4	Drag Conveyor to Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0632 / 409.DC5	-	409.DC5	Drag Conveyor to Finish Mill Feed Bins
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0626 / 409.DC6	-	409.DC6	Drag Conveyor to Finish Mill Feed Bins
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0620 / 409.DE1	-	409.DE1	Drop From Dust Collector to Drag Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0619 / 409.DE2	-	409.DE2	Drop From Dust Collector to Drag Conveyor

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0616 / 409.GA1	-	409.GA1	Bucket Elevator to Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0615 / 409.GA3	-	409.GA3	Bucket Elevator to Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0628 / 409.SG3	-	409.SG3	Drag Conveyor to Drag Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0624 / 409.SG2	-	409.SG2	Drag Conveyor to Finish Mill Feed Bins
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0622 / 409.SG1	-	409.SG1	Drag Conveyor to Drag Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0625 / 409.SG5	-	409.SG5	Drag Conveyor to Finish Mill Feed Bins
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0621 / 409.SG7	-	409.SG7	Drag Conveyor to Drag Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0623 / 409.SG8	-	409.SG8	Drag Conveyor to Finish Mill Feed Bins
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0627 / 409.SG9	-	409.SG9	Drag Conveyor to Drag Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0630 / 409.SGB	-	409.SGB	Drag Conveyor to Finish Mill Feed Bins

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0641 / 409.WF1	-	409.WF1	Weigh Feeder to Finish Mill Feed Bins
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1002 / 40A.CH1	40A.DE3	S1001	Feed Chute to Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1038 / 40A.CH2	40A.DE4	S1004	Diverter Gate to Loader Spout
III.E	40 CFR 63 NESHAP - LLL, NON EMITTING - Enclosed Conveying System Transfer Points	1007 / 40A.CH3	40A.DE3	S1001	Chute from 40A.RF3 TO 40A.BE3
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0431/411.AS1	-	411.AS1	Air Slide to Standby Kiln Feed Pump
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0426 / 411.AS1	-	411.AS1	Air Slide to Kiln Feed Pump
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0512 / 411.PL1	412.DE2	S0507	Kiln Feed Pump to Kiln Feed Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0440e / 412.AS1	317.DE1/317.DE2	S0401/2	Loading Of Blending Silos #2
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0513 / 412.AS1	-	412.AS1	Kiln Feed Bin to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0504 / 412.BN1	412.DE2	S0507	Kiln Feed Bin

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0541 / 412.BN1		412.BN1	Kiln Feed Bin to Weigh Feeder
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0506 / 412.WF1	412.DE1	S0506	Feed to Distribution Chute
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0521 / 413/BE2	-	413.BE2	Bucket Elevator to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0549 / 413.BN1	-	413.BN1	Dust Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0516 / 413.CH1	-	413.CH1	Bucket Elevator and Dust Collector to Traveling Grate
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0544 / 413.CH1	-	413.CH1	Bucket Elevator to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0515 / 413.CH2	-	413.CH2	Dust Bin to Traveling Grate
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0524 / 413.EP1	-	413.EP1	ACL ESP Drop to Screw Conveyor
III.E	40 CFR 63 NESHAP - LLL, NON EMITTING - Enclosed Conveying System Transfer Points	0525 / 413.EP1	-	413.EP1	ACL ESP Drop to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0526 / 413.EP1	-	413.EP1	ACL ESP Drop to Screw Conveyor

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0527 / 413.EP1	-	413.EP1	ACL ESP Drop to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0528 / 413.EP1	-	413.EP1	ACL ESP Drop to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0529 / 413.EP1	-	413.EP1	ACL ESP Drop to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0530 / 413.EP1	-	413.EP1	ACL ESP Drop to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0531 / 413.EP1	-	413.EP1	ACL ESP Drop to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0535 / 413.FV3	-	413.FV3	Screw Conveyor to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0534 / 413.FV4	-	413.FV4	Screw Conveyor to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0533 / 413.FV5	-	413.FV5	Screw Conveyor to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0532 / 413.FV6	-	413.FV6	Screw Conveyor to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0548 / 413.PL1	-	413.PL1	Blower to Dust Bin

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0523 / 413.SC1	-	413.SC1	Screw Conveyor to Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0517 / 413.SC2	-	413.SC2	Drop From Dust Collector to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0520 / 413.SCB	-	413.SCB	Drop from Dust Collector to Bucket Elevator
III.E	40 CFR 63 NESHAP - LLL, NON EMITTING - Enclosed Conveying System Transfer Points	0522 / 413.SCC	-	413.SCC	Screw Conveyor to Chute
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0519 / 413.SCD	-	413.SCD	Drop from Dust Collector to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0518 / 413.SCE	-	413.SCE	Screw Conveyor to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0539 / 413.SCN	-	413.SCN	Screw Conveyor to Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0509 / 414.BN1	-	414.BN1	Surge Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0509a / 414.DV1	-	414.DV1	Transfer From Dbl. Tipping Valve to Surge Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0509b / 414.BN1	-	414.BN1	Transfer From Surge Bin to Tote Box

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0545 / 414.SC1	-	414.SC1	Screw Conveyor to Traveling Grate
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0551 / 413.BF1	-	413.BF1	ACL kiln baghouse transfer from baghouse compartment BF1 to screw conveyor 413.SCP
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0552 / 413.BF3	-	413.BF3	ACL kiln baghouse transfer from baghouse compartment BF3 to screw conveyor 413.SCP
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0553 / 413.BF5	-	413.BF5	ACL kiln baghouse transfer from baghouse compartment BF5 to screw conveyor 413.SCP
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0554 / 413.BF7	-	413.BF7	ACL kiln baghouse transfer from baghouse compartment BF7 to screw conveyor 413.SCP
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0555 / 413.BF2	-	413.BF2	ACL kiln baghouse transfer from baghouse compartment BF2 to screw conveyor 413.SCQ
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0556 / 413.BF4	-	413.BF4	ACL kiln baghouse transfer from baghouse compartment BF4 to screw conveyor 413.SCQ
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0557 / 413.BF6	-	413.BF6	Baghouse compartment BF6 to screw conveyor 413.SCQ
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0558 / 413.BF8	-	413.BF8	ACL kiln baghouse transfer from baghouse compartment BF8 to screw conveyor 413.SCQ
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0559 / 413.SCP	-	413.SCP	ACL kiln baghouse transfer from crew conveyor 413.SCP to screw conveyor 413.SCR

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0560 / 413.SCQ	-	413.SCQ	ACL kiln baghouse transfer from screw conveyor 413.SCQ to screw conveyor 413.SCR
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0561 / 413.SCR	-	413.SCR	ACL kiln baghouse transfer from screw conveyor 413.SCR to dust hopper 413.HP2
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0562 / 413.SCR	-	413.SCR	ACL kiln baghouse transfer from screw conveyor 413.SCR to dust hopper 413.HP3
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0563 / 413.HP2	-	413.HP2	ACL kiln baghouse transfer from dust hopper 413.HP2 to baghouse compartment 413.BF1
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0564 / 413.HP3	-	413.HP3	ACL kiln baghouse transfer from dust hopper 413.HP3 to baghouse dust bin 403.BN2
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0610 / 417.CC1	-	417.CC1	Clinker Cooler to Drag Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0647 / 417.CH1	-	417.CH1	Cooler Drop Out Box to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0633 / 417.DE1	-	417.DE1	Drop From Dust Collector to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0634 / 417.DE1	-	417.DE1	Drop From Dust Collector to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0646 / 417.DO1	-	417.DO1	Cooler Drop Out Box to Screw Conveyor

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0639 / 417.SC3	-	417.SC3	Screw Conveyor to Drag Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0638 / 417.SC1	-	417.SC1	Screw Conveyor to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0637 / 417.SC2	-	417.SC2	Screw Conveyor to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0429 / 421.AS1	-	421.AS1	Air Slide to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0430 / 421.AS1	317.DE2	S0402	Air Slide to Kiln Feed Pump
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0410a / 421.PL1	422.DE1	S0403	Pipeline to Alleviator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0434 / 422.AS1	422.DE1	S0403	Air Slide to Kiln Feed Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0437 / 422.AS2	-	422.AS2	Air Slide to Silo Return Pump
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0412 / 422.BN1	422.DE1	S0403	Kiln Feed Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0409 / 422.AS2	422.DE1	S0403	Kiln Feed Flow Meter #2 Dedust

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0416 / 423.AM1	422.DE1	S0403	Alleviator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0435 / 423.AS1	422.DE1	S0403	Air Slide to Kiln Feed Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0831 / 423.BN1	-	423.BN1	Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0417 / 423.CH1	422.DE1	S0403	Return Dust Alleviator to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0805 / 423.EP1	-	423.EP1	Esp Drop to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0806 / 423.EP1	-	423.EP1	Esp Drop to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0807 / 423.EP1	-	423.EP1	Esp Drop to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0808 / 423.EP1	-	423.EP1	Esp Drop to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0440f / 423.PL1	317.DE1/317.DE2	S0401/2	Pipeline to Blending Silo #2
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0416b / 423.PL2	422.DE1	S0403	FK Dust Pump to Alleviator

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0410b / 423.PL2	422.DE1	S0403	Pipeline to Alleviator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0809 /423.SC1	-	423.SC1	Screw Conveyor to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0810 / 423.SC2	-	423.SC2	Screw Conveyor to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0811 / 423.SC3	-	423.SC3	Screw Conveyor to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0812 / 423.SC4	-	423.SC4	Screw Conveyor to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0814 / 423.SC5	-	423.SC5	Screw Conveyor to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0821 / 423.SCA	-	423.SCA	Screw Conveyor to Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0815 / 423.SCC	-	423.SCC	Screw Conveyor to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0835 / 423.BF1	403.DE4	423.BF1	HW kiln baghouse transfer from baghouse compartment BF1 to screw conveyor 423.SCQ
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0836 / 423.BF2	403.DE4	423.BF2	HW kiln baghouse transfer from baghouse compartment BF2 to screw conveyor 423.SCQ

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0837 / 423.BF3	403.DE4	423.BF3	HW kiln baghouse transfer from baghouse compartment BF3 to screw conveyor 423.SCQ
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0838 / 423.BF4	403.DE4	423.BF4	HW kiln baghouse transfer from baghouse compartment BF4 to screw conveyor 423.SCQ
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0839 / 423.SCQ	403.DE4	423.SCQ	HW kiln baghouse transfer from screw conveyor 423.SCQ dust hopper 423.HP2
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0840 / 423.SCQ	403.DE4	423.SCQ	HW kiln baghouse transfer from screw conveyor 423.SCQ dust hopper 423.HP3
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0841 / 423.HP2	403.DE4	423.HP2	HW kiln baghouse transfer from dust hopper 423.HP2 to baghouse dust bin 403.BN2
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0842 / 423.HP3	403.DE4	423.HP3	HW kiln baghouse transfer from dust hopper 423.HP3 to baghouse compartment 423.BF1
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0843 / 403.BN2	403.DE4	403.BN2	Baghouse dust bin 403.BN2 to loading spout 403.LS2
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0844 / 403.BN3	403.DE4	403.BN3	Hydrated lime Silo to 413.WF1
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0845 / 403.BN3	403.DE4	403.BN3	Hydrated lime Silo to 423.WF2
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0538 / 423.SCM	-	423.SCM	Screw Conveyor to Screw Conveyor

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1112 / 425.RF3	-	425.RF3	Coal Bin to Preheater Feed Pump
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0902 / 427.CC1	-	427.CC1	Clinker Cooler to Drag Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0908 / 427.DE1	-	427.DE1	Drop From Dust Collector to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0906 / 427.HE1	-	427.HE1	Heat Exchanger Drop to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0907 / 427.SC1	-	427.SC1	Screw Conveyor Drop to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0903 / 427.SC2	-	427.SC2	Screw Conveyor to Drag Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0709 / 42C.RF2	-	42C.RF2	Fine Coal Bin to Preheater Feed Pump
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1107 / 42B.RF1	-	42B.RF1	Drop From Dust Collector To Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1108 / 42B.RF2	-	42B.RF2	Drop From Dust Collector To Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1109 / 42B.RF3	-	42B.RF3	Drop From Dust Collector To Screw Conveyor

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1110 / 42B.SC1	42B.DE4	S1101	Screw Conveyor Drop To Fine Coal Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1111 / 42B.CN1	42B.DE4	S1101	Separator Drop To Fine Coal Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0245 / 502.CH1	310.DE1	S0202	Belt Conveyor Transfer to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0250d / 502.HP1	502.DE1	S0214	Hopper Loading From Piles
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	290I/520.DE1	502.DE1	502.DE1	Drop From Dust Collector to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	249I/502.DE2	502.DE2	502.DE2	Drop From Dust Collector to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0251 / 502.VF1	502.DE2	S0206	Vibrating Feeder to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0618a / 503.BN1	-	503.BN1	Rejects Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1443 / 503.PL1	514.DE2	S1305	Fringe Bin to Finish Mill #1 Dust Collector
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1443 / 503.PL1	524.DE2	S1405	Fringe Bin to Finish Mill #2 Dust Collector

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0272c / 503.SX14	502.DE4/502.DE3	S0208/11	Fringe Bin 14
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0272e / 503.SX24	502.DE4/502.DE3	S0208/11	Bins 24
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0606 / 503.TC1	503.DE1	S0604	Clinker Reject Bin to Loader
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2401 / 504.AS1	504.DE1	S2304	Air Slide to Weigh Feeder
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2406 / 504.DE1	504.DE1	S2304	Dust Collector to Weigh Feeder
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2402 / 504.PL1	504.DE1	504.PL1	Pipeline to Finish Mill Separator Alleviators
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1601 / 611.7R1	505.DE3	S1601	Rail Silos #17-22
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1701 / 611.7R2	505.DE4	S1702	Rail Silos #23-28
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1901 / 611.7R3	505.DE5	S1901	Rail Silos #29-34
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2001 / 505.AM1	505.DE8	S2001	Alleviator

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2002 / 505.AM2	505.DE7	S2002	Alleviator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2034 / 505.AS1	505.DE7	S2002	Air Slide to Silo #37
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1821 / 505.DE2	-	505.DE2	Air Slide to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1822 / 505.DE6	-	505.DE6	Drop From Dust Collector to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1434 / 505.PL1	-	505.PL1	Drop to Fringe Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2101 / 505.PL1	631.DE1	S2102	Pipeline to Dome
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1631 / 505.SC3	-	505.SC3	Screw Conveyor to Rail Silos
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1735 / 505.SC4	-	505.SC4	Screw Conveyor to Rail Silos
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1917 / 505.SC5	-	505.SC5	Screw Conveyor to Rail Silos #32
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1917 / 505.SC5	-	505.SC5	Screw Conveyor to Rail Silos #31

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2007 / 505.SC7	-	505.SC7	Drop from Dust Collector to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2008 / 505.SC8	-	505.SC8	Screw Conveyor to Aerated Distribution Hopper
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2010 / 505.SC9	-	505.SC9	Drop from Dust Collector to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2012 / 505.SCA	-	505.SCA	Screw Conveyor to Aerated Distribution Hopper
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1339/513.CHI	513.DE1	S1308	Silo #11 to Loader
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1315 / 513.CH2	513.DE2	S1301	#14 Gypsum Silo Transfer to Weigh Feeder
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1310 / 513.DE2	513.DE2	513.DE2	Drop From Dust Collector to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0272b / 513.SX11 - 513.SX13	502.DE4 / 502.DE3	S0208/11	Bins 11 - 13
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1307 / 513.TC1	513.DE1	S1308	Loader to Truck
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1309 / 513.WF1	513.DE2	S1301	Weigh Feeder Transfer to Belt Conveyor

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1317 / 513.WF1	513.DE2	S1301	#11 Clinker Silo Transfer to Weigh Feeder
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1311 / 513.WF2	513.DE2	S1301	Weigh Feeder Transfer to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1316 / 513.WF2	513.DE2	S1301	#12 Clinker Silo Transfer to Weigh Feeder
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1313 / 513.WF3	513.DE2	S1301	Weigh Feeder Transfer to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1314 / 513.WF3	513.DE2	S1301	#13 Clinker Silo Transfer to Weigh Feeder
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1312 / 513.WF4	513.DE2	S1301	Weigh Feeder Transfer to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2404 / 514.AM1	514.DE2	S1305	Finish Mill #1 Alleviator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1326 / 514.AS1	-	514.AS1	Air Slide to Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1328 / 514.AS2	514.DE2	S1305	Air Slide to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1336 / 514.AS2	-	514.AS2	Air Slide to Air Slide

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1340 / 514.AS2	514.DE2	S1305	Air Slide to Separator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1327 / 514.BE1	-	514.BE1	Bucket Elevator to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1342 / 514.BM1	514.DE1	S1306	Finish Mill to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1335 / 514.CH1	-	514.CH1	Separator to Finish Mill
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1332 / 515.AS1	-	514.CH2	Air Slide to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1331 / 514.CH3	-	514.CH3	Drop From Dust Collector to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1343 / 514.DE1	514.DE1	S1306	Mill Sweep to Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1318/514.SR1	514.DE2	S1305	Separator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1325 / 515.CQ1	-	515.CQ1	Cement Cooler to Pump
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1344 / 515.SC1	514.DE2	S1305	Transfer from Screw Conveyor to Cooler

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1323 / 515.SM1	514.DE2	S1305	Pump Sampler Hopper
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2305 / 516.AS1	502.DE6	S2301	Air Slide to Pump
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2304 / 516.HP1	502.DE6	S2301	Fly Ash from Hopper to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2306 / 516.MP1	502.DE5	S2302	Pump to Raw Material Silo 22
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2308 / 516.PL1	505.DEA	S2303	Pipeline to Rail Silos 23-25
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1437 / 523.CH1	523.DE1	S1408	Silo #21 to Loader
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1408 / 523.CH2	523.DE2	S1401	#24 Gypsum Silo Transfer to Weigh Feeder
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1412I / 523.DE2	523.DE2	523.DE2	Drop From Dust Collector to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0272d / 523.SX21 - 523.SX23	502.DE4 / 502.DE3	S0208/11	Bins 21-23
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1404 / 523.TC1	523.DE1	S1408	Loader to Truck

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1406 / 523.WF1	523.DE2	S1401	#21 Clinker Silo Transfer to Weigh Feeder
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1407 / 523.WF1	523.DE2	S1401	Weigh Feeder Transfer to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1413 / 523.WF3	523.DE2	S1401	Weigh Feeder Transfer to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1414 / 523.WF3	523.DE2	S1401	#23 Clinker Silo Transfer to Weigh Feeder
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1409 / 523.WF4	523.DE2	S1401	Weigh Feeder Transfer to Belt Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2405 / 524.AM1	524.DE2	S1405	Finish Mill #2 Alleviator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1422 / 524.AS1	-	524.AS1	Chute to Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1424 / 524.AS2	524.DE2	S1405	Air Slide to Cement Cooler
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1432 / 524.AS2	-	524.AS2	Air Slide to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1438 / 524.AS2	-	524.AS2	Air Slide to Separator

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1842 / 610.BN2	601.DE2	S1803	West Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1807 / 611.AS1	505.DE6	S1802	Air Slide Transfer to Swivel Spout
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1801 / 611.AS2	505.DE2	S1801	Air Slide Transfer to Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1836 / 611.AS4	505.DE6	S1802	Air Slide to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1630 / 611.BE3	-	611.BE3	Bucket Elevator to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1824 / 611.BN1	505.DE2	S1801	Surge Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1805 / 611.BN1	505.DE6	S1802	Transfer from Bin to Airslide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1830 / 611.BN1	612.DE4	S2007	Surge Bin to Loading Spout
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1806 / 611.BE1	505.DE2	S1801	Bucket Elevator to Surge Bin
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1808 / 611.TC1	505.DE6	S1802	Rail Car Loadout

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1628 / 611.SC1	-	611.SC1	Screw Conveyor to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1629 / 611.SC3	-	611.SC3	Screw Conveyor to Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1803/611.TC1	612.DE4	S2007	Truck Loadout Abandoned
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1837 / 612.ASI	612.DE4	S2007	Air Slide to Truck Loading Spout
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2035/621.AS1	-	621.AS1	Silos 35, 38, 41, & 46 to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2042/621.AS2	-	621.AS2	Silos 36, 39, 42, 44 & 47 to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2050/621.AS3	-	621.AS3	Silos 37, 40, 43, 45 to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2065/621.AS1	621.DE1	S2003	Air Slide to Loading Spout
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2066/621.AS2	621.DE2	S2004	Air Slide to Loading Spout
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2067/621.AS3	621.DE3	S2005	Air Slide to Loading Spout

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2038 / 621.DE1	-	621.DE1	Drop From Dust Collector to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2045 / 621.DE2	-	621.DE2	Drop From Dust Collector to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2053 / 621.DE3	-	621.DE3	Drop From Dust Collector to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2003 / 621.SX35 - 621.SX47	505.DE7	S2002	Silos #35-47
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2004 / 621.TC1	621.DE1	S2003	Loading Spout to Truck (From 41,46,38,35)
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2005 / 621.TC2	621.DE2	S2004	Loading Spout to Truck (From 42,47,39,44,36)
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2006 / 621.TC3	621.DE3	S2005	Loading Spout to Truck (From 43,40,45,37)
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2103 / 631.AE1	631.DE2	S2101	Air Slide to FK Pump Hopper
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2064/631.PL1	505.DE7	S2002	Dome to Silos # 38-43
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2105 / 631.SC3	-	631.SC5	Emergency Discharge Hopper to Emergency Screw Conveyor

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2057/631.SC4	631.DE3	S2006	Screw Conveyor to Silos 38 & 41
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2104 / 631.SC3	631.DE2	S2101	Screw Hopper to FK Pump Hopper
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0244/310.BC3	310.DE1	S0202	Belt Conveyor Transfer
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0432/422.AM1	-	-	Alleviator to bin feed Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0439/423.AM1	-	-	Alleviator to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0505/412.MZ1	412.DE1	S0506	Pelletizer
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0509c/414.DV1	-	S0509c	Unloading from Dbl. Tipping Valve to Tote Box
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	0819/423.SCB	-	-	Cooling Tower to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1320/514.BE1	514.DE1	S1306	Bucket Elevator
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1417/524.BE1	524.DE1	S1406	Bucket Elevator

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1604/611.7R1	-	-	Rail Silos 17-22 to Screw Conveyor
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1708/611.7R2	-	-	Transfer from Rail Silos 23-28
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1826/611.BE7	-	-	Abandoned - Bucket Elevator to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1827/611.7R2	-	-	Silos 26-28 Rail Silos to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1833/611.7R2	-	-	Silos 23-25 to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1919/611.AS3	-	-	Silos 29-34 to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	1926/611.BE8	-	-	Bucket Elevator to Air Slide
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2013/505.AS1	505.DE7	S2002	Air Slide to Truck Loadout Silos #35-47
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2258	505.DEA	S2303	Rail Silos #22 and 23
III.E	40 CFR 63 Subparts A and LLL; Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.42</u> ; NESHAP for Hazardous Air Pollutants from Portland Cement Manufacturing Industry; NON EMITTING - Enclosed Conveying System Transfer Points	2303/516.HP1	-	-	Fly Ash from Railcar to Hopper

Operating Permit Condition	Applicable Requirement	Source ID/Emission Unit (Entity) Number	APCD Associated with Equipment (if applicable)	Emission Point Number	Description
III.F	40 CFR 63 Subparts A and ZZZZ, Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.88</u> ; NESHAP for Stationary RICE	110.WP1	-	110.WP1	6" water pump RICE
III.F	40 CFR 63 Subparts A and ZZZZ, Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.88</u> ; NESHAP for Stationary RICE	110.WP2	-	110.WP2	6" water pump RICE
III.F	40 CFR 63 Subparts A and ZZZZ, Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.88</u> ; NESHAP for Stationary RICE	110.WP3	-	110.WP3	6" water pump RICE
III.F	40 CFR 63 Subparts A and ZZZZ, Title 129, Chapter 28, Sections <u>001.01</u> and <u>001.88</u> ; NESHAP for Stationary RICE	710.EG1	-	710.EG1	500 KW emergency generator RICE
III.G	Construction Permit issued October 22, 1980	0702 / 426.KDI, 424.PHI	423.BF1	S0801	HW Kiln/Preheater
III.J	Construction Permit #CP18-054 issued May 22, 2019	0702 / 426.KDI, 424.PHI	423.BF1	S0801	HW Kiln/Preheater
III.J	Construction Permit #CP18-054 issued May 22, 2019	0508 / 416.KDI	413.BF1	S0503	ACL Kiln

1. "DU" units are ductwork from baghouses to other equipment and are not considered emission points - therefore, these points are not included on this list.