



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov

November 18, 2011

Mr. Gerardo Rios  
Chief – Permits Office  
U. S. EPA, Region IX  
75 Hawthorne Street, Air 3  
San Francisco, CA 94105

**Subject: Transmittal of Final Title V Renewal Permit**

Dear Mr. Rios:

Enclosed is the final Title V renewal permit issued by the South Coast Air Quality Management District (AQMD) under Application No. 502763 for Riverside Cement Company (ID 800182) located at 1500 Rubidoux Boulevard, Riverside CA 92509. The proposed renewal permit for this facility was submitted to EPA Region IX for 45-day review on September 8, 2011 and made available for 30-day public comment on September 14, 2011. The AQMD did not receive any public comments on the proposed renewal permit.

If there are specific questions on this Title V renewal permit, please contact Mr. Richard Hawrylew, Air Quality Engineer II at (909) 396-2657.

Sincerely,

A handwritten signature in black ink, appearing to read 'Brian L. Yeh', is written over a horizontal line.

Brian L. Yeh  
Senior Engineering Manager  
Mechanical, Chemical, and Public Services

Enclosure

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## FACILITY PERMIT TO OPERATE

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**RIVERSIDE CEMENT CO (EIS USE)  
1500 RUBIDOUX BLVD  
RIVERSIDE, CA 92509**

### NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.  
EXECUTIVE OFFICER

  
Mohsen Nazemi, P.E.  
Deputy Executive Officer  
Engineering & Compliance

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION A: FACILITY INFORMATION**

**LEGAL OWNER &/OR OPERATOR:** RIVERSIDE CEMENT CO (EIS USE)

**LEGAL OPERATOR (if different than owner):**

**EQUIPMENT LOCATION:** 1500 RUBIDOUX BLVD  
RIVERSIDE, CA 92509-1841

**MAILING ADDRESS:** 19409 NATIONAL TRAILS HWY  
ORO GRANDE, CA 92369

**RESPONSIBLE OFFICIAL:** STEVE MATHENY

**TITLE:** INTERIM PLANT MANAGER/OPERATIONS  
MANAGER

**TELEPHONE NUMBER:** (951) 774-2502

**CONTACT PERSON:** JEAN BREWSTER

**TITLE:** SENIOR ENVIRONMENTAL ENGINEER

**TELEPHONE NUMBER:** (760) 245-5321

**TITLE V PERMIT ISSUED:** November 18, 2011

**TITLE V PERMIT EXPIRATION DATE:** November 17, 2016

<b>TITLE V</b>	<b>RECLAIM</b>
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<b>YES</b>	<b>NOx:</b>	<b>YES</b>
	<b>SOx:</b>	<b>YES</b>
	<b>CYCLE:</b>	<b>1</b>
	<b>ZONE:</b>	<b>INLAND</b>

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION**

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

**RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)**

Year Begin End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC <sup>1</sup> Holding as of 01/01/2011 (pounds)	Non-Tradable <sup>2</sup> Non-Usable RTCs (pounds)
7/2008 6/2009	Inland	0	29878	954
1/2009 12/2009	Coastal	0	2120	301
1/2009 12/2009	Inland	105818	3476	5714
7/2009 6/2010	Inland	0	28965	1908
1/2010 12/2010	Coastal	0	4470	451
1/2010 12/2010	Inland	105818	64649	8571
7/2010 6/2011	Inland	0	28339	2862
1/2011 12/2011	Coastal	0	0	602
1/2011 12/2011	Inland	105818	0	11428
7/2011 6/2012	Inland	0	0	3816
1/2012 12/2012	Coastal	0	0	602
1/2012 12/2012	Inland	105818	0	11428
7/2012 6/2013	Inland	0	0	3816
1/2013 12/2013	Coastal	0	0	602
1/2013 12/2013	Inland	105818	0	11428
7/2013 6/2014	Inland	0	0	3816
1/2014 12/2014	Coastal	0	0	602

**Footnotes:**

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION**

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

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**RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)**

Year Begin End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC <sup>1</sup> Holding as of 01/01/2011 (pounds)	Non-Tradable <sup>2</sup> Non-Usable RTCs (pounds)
1/2014 12/2014	Inland	105818	0	11428
7/2014 6/2015	Inland	0	0	3816
1/2015 12/2015	Coastal	0	0	602
1/2015 12/2015	Inland	105818	0	11428
7/2015 6/2016	Inland	0	0	3816
1/2016 12/2016	Coastal	0	0	602
1/2016 12/2016	Inland	105818	0	11428
7/2016 6/2017	Inland	0	0	3816
1/2017 12/2017	Coastal	0	0	602
1/2017 12/2017	Inland	105818	0	11428
7/2017 6/2018	Inland	0	0	3816
1/2018 12/2018	Coastal	0	0	602
1/2018 12/2018	Inland	105818	0	11428
7/2018 6/2019	Inland	0	0	3816
1/2019 12/2019	Coastal	0	0	602
1/2019 12/2019	Inland	105818	0	11428
7/2019 6/2020	Inland	0	0	3816

**Footnotes:**

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION**

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

**RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)**

Year Begin End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC <sup>1</sup> Holding as of 01/01/2011 (pounds)	Non-Tradable <sup>2</sup> Non-Usable RTCs (pounds)
1/2020 12/2020	Coastal	0	0	602
1/2020 12/2020	Inland	105818	0	11428
7/2020 6/2021	Inland	0	0	3816
1/2021 12/2021	Coastal	0	0	602
1/2021 12/2021	Inland	105818	0	11428
7/2021 6/2022	Inland	0	0	3816
1/2022 12/2022	Coastal	0	0	602
1/2022 12/2022	Inland	105818	0	11428
7/2022 6/2023	Inland	0	0	3816
1/2023 12/2023	Coastal	0	0	602
1/2023 12/2023	Inland	105818	0	11428
7/2023 6/2024	Inland	0	0	3816
1/2024 12/2024	Coastal	0	0	602
1/2024 12/2024	Inland	105818	0	11428
7/2024 6/2025	Inland	0	0	3816
1/2025 12/2025	Coastal	0	0	602
1/2025 12/2025	Inland	105818	0	11428

**Footnotes:**

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION**

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

**RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)**

Year Begin End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC <sup>1</sup> Holding as of 01/01/2011 (pounds)	Non-Tradable <sup>2</sup> Non-Usable RTCs (pounds)
7/2025 6/2026	Inland	0	0	3816
1/2026 12/2026	Coastal	0	0	602
1/2026 12/2026	Inland	105818	0	11428

**Footnotes:**

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION**

The annual allocation of SO<sub>x</sub> RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total SO<sub>x</sub> emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

**RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)**

Year Begin End (month/year)	Zone	SO <sub>x</sub> RTC Initially Allocated	SO <sub>x</sub> RTC <sup>1</sup> Holding as of 01/01/2011 (pounds)	Non-Tradable <sup>2</sup> Credits (NTCs) (pounds)
7/2008 6/2009	Coastal	0	1753	
1/2009 12/2009	Inland	88096	0	
1/2010 12/2010	Inland	88096	20	
1/2011 12/2011	Inland	88096	0	
1/2012 12/2012	Inland	88096	0	
1/2013 12/2013	Inland	88096	0	
1/2014 12/2014	Inland	88096	0	
1/2015 12/2015	Inland	88096	0	
1/2016 12/2016	Inland	88096	0	
1/2017 12/2017	Inland	88096	0	
1/2018 12/2018	Inland	88096	0	
1/2019 12/2019	Inland	88096	0	
1/2020 12/2020	Inland	88096	0	
1/2021 12/2021	Inland	88096	0	
1/2022 12/2022	Inland	88096	0	
1/2023 12/2023	Inland	88096	0	
1/2024 12/2024	Inland	88096	0	

**Footnotes:**

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (h)(2) of Rule 2002.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of SOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total SOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

#### RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin End (month/year)	Zone	SOx RTC Initially Allocated	SOx RTC <sup>1</sup> Holding as of 01/01/2011 (pounds)	Non-Tradable <sup>2</sup> Credits (NTCs) (pounds)
1/2025 12/2025	Inland	88096	0	
1/2026 12/2026	Inland	88096	0	

#### Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (h)(2) of Rule 2002.

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

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**SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION**

The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase in an annual allocation to a level greater than the facility's starting Allocation plus Non-Tradable credits as listed below, the application will be evaluated for compliance with Rule 2005 (c)(4). Rule 2005 (e) - Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

Year		Zone	NOx RTC	Non-Tradable
Begin	End		Starting Allocation	Credits(NTC)
(month/year)			(pounds)	(pounds)
1/1994	12/1994	Inland	240204	1011074

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

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**SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION**

The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase in an annual allocation to a level greater than the facility's starting Allocation plus Non-Tradable credits as listed below, the application will be evaluated for compliance with Rule 2005 (c)(4). Rule 2005 (e) - Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

Year		Zone	SOx RTC	Non-Tradable
Begin	End		Starting Allocation	Credits(NTC)
(month/year)			(pounds)	(pounds)
1/1994	12/1994	Inland	122284	276183

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

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**SECTION C: FACILITY PLOT PLAN**

(TO BE DEVELOPED)

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: WHITE CEMENT MANUFACTURING</b>					
<b>System 1: RAW MATERIAL RECEIVING AND STORAGE</b>					S20.1
HOPPER, H100, TRUCK LOADOUT A/N: 347463	D748			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, BC100 A/N: 347463	D134	C152		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, BC 101 A/N: 347463	D147	C152 C158		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, BC 102 A/N: 347463	D148	C158		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, S 108, LIMESTONE A/N: 347463	D10	D9		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, S 107, LIMESTONE A/N: 347463	D9	D10 C640		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, BC 103 A/N: 347463	D149			PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, S 105, CLAY A/N: 347463	D7	D8 D13		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, S 106, SAND A/N: 347463	D8	D7 C640		PM: (9) [RULE 405, 2-7-1986]	D323.1
BIN, S 109, GYPSUM A/N: 347463	D11	C698		PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, H101, WHITE UNLOADING A/N: 347463	D650			PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, B101, 2-STAGE A/N: 347463	D651			PM: (9) [RULE 405, 2-7-1986]	D323.1
FEEDER, VIBRATING, VF 101 A/N: 347463	D707			PM: (9) [RULE 405, 2-7-1986]	D323.1
BUCKET ELEVATOR, E101 A/N: 347463	D652			PM: (9) [RULE 405, 2-7-1986]	D323.1
BUCKET ELEVATOR, E102 A/N: 347463	D653	C115		PM: (9) [RULE 405, 2-7-1986]	D323.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (3) Denotes RECLAIM concentration limit
- (4) Denotes BACT emission limit
- (5) (5A) (5B) Denotes command and control emission limit
- (6) Denotes air toxic control rule limit
- (7) Denotes NSR applicability limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (9) See App B for Emission Limits
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process I: WHITE CEMENT MANUFACTURING</b>					
CONVEYOR, SCREW, SC111 A/N: 347463	D655			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC112 A/N: 347463	D656			PM: (9) [RULE 405, 2-7-1986]	D323.1
BIN, S 110, LIMESTONE A/N: 347463	D12	D13		PM: (9) [RULE 405, 2-7-1986]	D323.1
BIN, S111, LIMESTONE A/N: 347463	D13	D7 D12		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, BC401 A/N: 347463	D55	C115		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, DCH401, DRAG CHAIN A/N: 347463	D654	D3 D4 D5 D6		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, S-101, CLINKER A/N: 347463	D3	D4 D654 C698		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, S-102, CLINKER A/N: 347463	D4	D3 D5 D654		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, S 103, CLINKER A/N: 347463	D5	D4 D6 D654		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, S 104, CLINKER A/N: 347463	D6	D5 C113 D654		PM: (9) [RULE 405, 2-7-1986]	D323.1
BAGHOUSE, 760-DC14, DCE VOLKES, MODEL DLM-V15/15F, 161 SQ.FT.; 10 BAGS A/N: 249394	C152	D134 D147		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.1, E102.1, K67.2
BAGHOUSE, DC-101, NORBLO, MODEL 156 AMT, 1872 SQ.FT. A/N: 249367	C158	D147 D148		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
BAGHOUSE, DC104, NORBLO, 1120 SQ.FT.; 80 BAGS A/N: 313732	C640	D8 D9		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E201.2, K67.2

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(2) (2A) (2B) Denotes RECLAIM emission rate  
(3) Denotes RECLAIM concentration limit  
(4) Denotes BACT emission limit  
(5) (5A) (5B) Denotes command and control emission limit  
(6) Denotes air toxic control rule limit  
(7) Denotes NSR applicability limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(9) See App B for Emission Limits  
(10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 1: WHITE CEMENT MANUFACTURING</b>					
BAGHOUSE, DC103, DCE VOKES, MODEL DLM-V15/15-F5, VENTING TWO STAGE BUCK. ELEV. IN THE DILUTION MATERIAL UNLOADING WHITE CEMENT, 161 SQ.FT.; 10 BAGS A/N: 249345	C115	D55 D653		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.1, E201.2, K67.2
BAGHOUSE, DC-105, NORBLO, MODEL BA-14, SIZE 156 AMT 10-OLG, WEST, 2164 SQ.FT.; 156 BAGS A/N: 359168	C698	D3 D11		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E201.2, K67.2
BAGHOUSE, DC-102, MKRO-PUL, MODEL 64S-8-20, EAST, 64 BAGS A/N: 249344	C113	D6		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
<b>System 2: RAW GRINDING NO.1</b>					
FEEDER, BATCH, FDR 101, FDR 103, FDR 104A, FDR 104B, FDR 104C, FDR 105, 6 TOTAL A/N: 359810	D19			PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
CONVEYOR, BELT, BC 102C A/N: 359810	D657			PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
CONVEYOR, WB201, WEIGH BELT A/N: 359810	D749	D17		PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
BUCKET ELEVATOR, E-201 A/N: 359810	D17	C24 D749		PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
CONVEYOR, BELT, BC 201 A/N: 359810	D20	C24		PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
CONVEYOR, FLOW DIVERTER, SPLITTER A/N: 359810	D711	C712		PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
BUCKET ELEVATOR, E-202 A/N: 359810	D18			PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6

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| <p>* (1) (1A) (1B) Denotes RECLAIM emission factor<br/>(3) Denotes RECLAIM concentration limit<br/>(5) (5A) (5B) Denotes command and control emission limit<br/>(7) Denotes NSR applicability limit<br/>(9) See App B for Emission Limits</p> | <p>(2) (2A) (2B) Denotes RECLAIM emission rate<br/>(4) Denotes BACT emission limit<br/>(6) Denotes air toxic control rule limit<br/>(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)<br/>(10) See section J for NESHAP/MACT requirements</p> |
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\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 1: WHITE CEMENT MANUFACTURING</b>					
MILL, BALL, BM-201 A/N: 359810	D14	C24		PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
SCREEN, CLASSIFYING, CYCLONE SEPARATOR, #1 WHITE RAW A/N: 359810	D23	C24		PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
AIR CLASSIFIER, SE-201 A/N: 359810	D15			PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
CONVEYOR, SCREW, SC201 A/N: 359810	D658			PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
CONVEYOR, SCREW, SC-203 A/N: 359810	D22			PM: (9) [RULE 405, 2-7-1986]	C1.6, D323.1, H23.6
FEEDER, ROTARY, DUST A/N: 359810	D752			PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
CONVEYOR, SCREW, SC 412 A/N: 359810	D753			PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
CONVEYOR, SCREW, SC300 A/N: 359810	D659			PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
BUCKET ELEVATOR, E301, NORTH A/N: 359810	D660	C718		PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
BIN, SURGE, S303 A/N: 359810	D715			PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
CONVEYOR, SCREW, SC303 A/N: 359810	D716			PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
BUCKET ELEVATOR, E302, SOUTH A/N: 359810	D661	C718		PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
CONVEYOR, SCREW, SC301 A/N: 359810	D662			PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
CONVEYOR, SCREW, SC302 A/N: 359810	D663			PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.6
STORAGE SILO, S-301, WEST, KILN FEED SILO, S-1 A/N: 249363	D2	C718		PM: (9) [RULE 405, 2-7-1986]	D323.1

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| <p>* (1) (1A) (1B) Denotes RECLAIM emission factor<br/>(3) Denotes RECLAIM concentration limit<br/>(5) (5A) (5B) Denotes command and control emission limit<br/>(7) Denotes NSR applicability limit<br/>(9) See App B for Emission Limits</p> | <p>(2) (2A) (2B) Denotes RECLAIM emission rate<br/>(4) Denotes BACT emission limit<br/>(6) Denotes air toxic control rule limit<br/>(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)<br/>(10) See section J for NESHAP/MACT requirements</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: WHITE CEMENT MANUFACTURING</b>					
STORAGE SILO, S-302, EAST, KILN FEED SILO, S-2 A/N: 249362	D1	C718		PM: (9) [RULE 405, 2-7-1986]	D323.1
BAGHOUSE, DC-201, MICRO-PULSAIRE, MODEL IC-11, #1 WHITE RAW MILL, 5600 SQ.FT. WITH A/N: 249361	C24	D14 D17 D20 D23		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
CONVEYOR, SCREW, SC200N	D721				
CONVEYOR, SCREW, SC200S	D722				
BAGHOUSE, DC201-1, LMC WEST, MODEL 9-VSD-6, 2-HP, 90 SQ.FT.; 9 BAGS A/N: 367952	C712	D711		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.1, E201.2, K67.2
BAGHOUSE, DC301, MICROPULSAIRE, MODEL 312-AMT-20-OLG-TYPE BA14, 40-HP, 3768 SQ.FT.; 240 BAGS A/N: 369534	C718	D1 D2 D660 D661		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
<b>System 3: RAW GRINDING NO.2</b>					S20.1
CONVEYOR, BELT, 202BC1 A/N: 347471	D692			PM: (9) [RULE 405, 2-7-1986]	D323.1
BIN, B202, INTERNAL CHUTE ONLY A/N: 347471	D28			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC202 A/N: 347471	D697	C31		PM: (9) [RULE 405, 2-7-1986]	D323.1
BUCKET ELEVATOR, E-204 A/N: 347471	D29	C31		PM: (9) [RULE 405, 2-7-1986]	D323.1
MILL, BALL, BM-202 A/N: 347471	D26	C31		PM: (9) [RULE 405, 2-7-1986]	D323.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: WHITE CEMENT MANUFACTURING</b>					
BUCKET ELEVATOR, E-205 A/N: 347471	D30	C31		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC204 A/N: 347471	D693	C31		PM: (9) [RULE 405, 2-7-1986]	D323.1
AIR CLASSIFIER, SE-202 A/N: 347471	D27	C31		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC208 A/N: 347471	D694	C31		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC209 A/N: 347471	D695			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC210 A/N: 347471	D696			PM: (9) [RULE 405, 2-7-1986]	D323.1
BAGHOUSE, DC202, MICRO-PULSAIRE, MODEL IC-8, 4080 SQ.FT. A/N: 249342	C31	D26 D27 D29 D30 D693 D694 D697		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
<b>System 4: CEMENT KILNS</b>					
BAGHOUSE, 402DC1, BHA, MODEL R-08-64-120, 1047 SQ.FT.; 64 BAGS A/N: 313741	C643			PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E201.2, K67.2
BAGHOUSE, DC-406, NORBLO, MODEL 156-AMT, EAST, 1872 SQ.FT. A/N: 367954	C66			PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
BAGHOUSE, 401DC1, NORBLO, 15-HP, 1665 SQ.FT.; 120 BAGS A/N: 369528	C717			PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
CYCLONE, GC-402, MULTICLONES GAS COOLER A/N: 249352	C754	C67			D323.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: WHITE CEMENT MANUFACTURING</b>					
CYCLONE, 402-CY-1, SOUTH A/N: 249352	C67	C68 C754			D323.1
BAGHOUSE, 402 BH-1, WESTERN PRECIPITATION, VENTS KILN #2, 28080 SQ.FT. A/N: 249352	C68	C67		PM: (9) [RULE 404, 2-7-1986]	D28.1, D322.1, D381.3, E201.2, K67.2
<b>System 5: FINISH GRINDING</b>					
FEEDER, 101A, WEIGH A/N: 347469	D78	C641		PM: (9) [RULE 405, 2-7-1986]	D323.1
FEEDER, 101B, WEIGH A/N: 347469	D79	C700		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, 101C, FEEDER A/N: 347469	D76	C699		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, 101D, FEEDER A/N: 347469	D77	C701		PM: (9) [RULE 405, 2-7-1986]	D323.1
FEEDER, 101E, WITH HOPPER A/N: 347469	D687	C701		PM: (9) [RULE 405, 2-7-1986]	D323.1
FEEDER, GYPSUM A/N: 347469	D686	C700		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, BC 104, WHITE FINISH A/N: 347469	D72	C641 C699 C700 C701		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, E 203, WHITE FINISH, BIN FEED ELEVATOR A/N: 347469	D73	C641		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, 203BC1 A/N: 347469	D74	C641		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, 203BC2 A/N: 347469	D75	C87 C641		PM: (9) [RULE 405, 2-7-1986]	D323.1
MILL, BALL, 203 A/N: 347469	D80	C87		PM: (9) [RULE 405, 2-7-1986]	D323.1

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|----------------------------------------------------------|---------------------------------------------------------------|
| * (1) (1A) (1B) Denotes RECLAIM emission factor          | (2) (2A) (2B) Denotes RECLAIM emission rate                   |
| (3) Denotes RECLAIM concentration limit                  | (4) Denotes BACT emission limit                               |
| (5) (5A) (5B) Denotes command and control emission limit | (6) Denotes air toxic control rule limit                      |
| (7) Denotes NSR applicability limit                      | (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) |
| (9) See App B for Emission Limits                        | (10) See section J for NESHAP/MACT requirements               |

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: WHITE CEMENT MANUFACTURING</b>					
CONVEYOR, AIR SLIDE, 203AS1 A/N: 347469	D81	C87		PM: (9) [RULE 405, 2-7-1986]	D323.1
BUCKET ELEVATOR, 203E1 A/N: 347469	D82	C87		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, 203AS2 A/N: 347469	D83	C87		PM: (9) [RULE 405, 2-7-1986]	D323.1
AIR CLASSIFIER, 203SE1 A/N: 347469	D84	C87 C642		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, 203AS3 A/N: 347469	D688	C642		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, 203SC1, BAGHOUSE DUST RECLAIM A/N: 347469	D690			PM: (9) [RULE 405, 2-7-1986]	D323.1
BIN, 203B2 A/N: 347469	D689	C642		PM: (9) [RULE 405, 2-7-1986]	D323.1
PUMP, 201, CEMENT, X PUMP A/N: 347469	D85	C642		PM: (9) [RULE 405, 2-7-1986]	D323.1
BAGHOUSE, 203DC2, BHA, MODEL R-10-120-120, 1047 SQ.FT.; 64 BAGS A/N: 364878	C641	D72 D73 D74 D75 D78		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E201.2, K67.2
BAGHOUSE, 203 DC-1, MICRO-PULSAIRE, MODEL 1F3, 2010 SQ.FT. A/N: 369118	C87	D75 D80 D81 D82 D83 D84		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
BAGHOUSE, 203DC3, FLEX-KLEENE, MODEL 84-RA-64-A-11, 626 SQ.FT.; 64 BAGS A/N: 313735	C642	D84 D85 D688 D689		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E201.2, K67.2
BAGHOUSE, DC-101B, LMC WEST, MODEL 49-FSD-6, 10-HP, 490 SQ.FT.; 36 BAGS A/N: 364881	C699	D72 D76		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.1, E201.2, K67.2

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: WHITE CEMENT MANUFACTURING</b>					
BAGHOUSE, DC-101A, LMC WEST, MODEL 36-FSD-6, 7.5-HP, 360 SQ.FT.; 64 BAGS A/N: 364883	C700	D72 D79 D686		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.1, E201.2, K67.2
BAGHOUSE, DC-101C, LMC WEST, MODEL 64-FSD-6, 15-HP, 533 SQ.FT.; 49 BAGS A/N: 364884	C701	D72 D77 D687		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E201.2, K67.2
<b>System 6: BULK STORAGE</b>					
STORAGE SILO, S-501, WHITE FINISH CEMENT, 20000 CU.FT. A/N: 383730	D88	C99 D723 D724		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, S-502, WHITE FINISH CEMENT, 20000 CU. FT. A/N: 383730	D89	C99 D723 D724		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, S-503, WHITE FINISH CEMENT, 20000 CU.FT. A/N: 383730	D90	C99 D723 D724		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, S-504, WHITE FINISH CEMENT, 20000 CU.FT. A/N: 383730	D91	C99 D723 D724		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, S-505, WHITE FINISH CEMENT, 20000 CU.FT. A/N: 383730	D92	C99 D723 D724		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, S-506, WHITE FINISH CEMENT, 20000 CU.FT. A/N: 383730	D93	C99 D723 D724		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, S-507, WHITE FINISH CEMENT, 20000 CU.FT. A/N: 383730	D94	C99 D723 D724		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, S-508, WHITE FINISH CEMENT, 20000 CU.FT. A/N: 383730	D95	C99 D723 D724		PM: (9) [RULE 405, 2-7-1986]	D323.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: WHITE CEMENT MANUFACTURING</b>					
STORAGE SILO, S-509, WHITE FINISH CEMENT, 52000 CU.FT. A/N: 383730	D96	C99 D723 D724		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, S-510, WHITE FINISH CEMENT, 52000 CU.FT. A/N: 383730	D97	C99 D723 D724		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, S-511, WHITE FINISH CEMENT, 52000 CU.FT. A/N: 383730	D98	C99 D723 D724		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, PNEUMATIC, RAILCAR AND TRUCK UNLOADING A/N: 383730	D723	D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98		PM: (9) [RULE 405, 2-7-1986]	D323.1
BULK MATERIAL UNLOADING STATION, CEMENT, RAILCAR AND TRUCK UNLOADING STATION A/N: 383730	D724	D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98		PM: (9) [RULE 405, 2-7-1986]	D323.1
BAGHOUSE, DC-501, NORBLO, MODEL 156-AMT, 1872 SQ.FT. A/N: 249297	C99	D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
<b>System 7: BULK TRUCK LOADING</b>					S20.1
CONVEYOR, 500-SC1 THRU 500-SC11, 11 TOTAL A/N: 347470	D709			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC502 A/N: 347470	D100			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS 513, WHITE RECIRCULATING A/N: 347470	D756			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC503 A/N: 347470	D101			PM: (9) [RULE 405, 2-7-1986]	D323.1

\* (1) (1A) (1B) Denotes RECLAIM emission factor  
(2) (2A) (2B) Denotes RECLAIM emission rate  
(3) Denotes RECLAIM concentration limit  
(4) Denotes BACT emission limit  
(5) (5A) (5B) Denotes command and control emission limit  
(6) Denotes air toxic control rule limit  
(7) Denotes NSR applicability limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(9) See App B for Emission Limits  
(10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: WHITE CEMENT MANUFACTURING</b>					
CONVEYOR, SCREW, SC504 A/N: 347470	D102			PM: (9) [RULE 405, 2-7-1986]	D323.1
BUCKET ELEVATOR, E-501 A/N: 347470	D103	C109		PM: (9) [RULE 405, 2-7-1986]	D323.1
SCREEN, CLASSIFYING, VIBRATING, VS501 A/N: 347470	D691			PM: (9) [RULE 405, 2-7-1986]	D323.1
BIN, SURGE, B-501, 300 BBL A/N: 347470	D104	C109		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC501 A/N: 347470	D105			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS 512, WHITE RECIRCULATING A/N: 347470	D755			PM: (9) [RULE 405, 2-7-1986]	D323.1
PUMP, KFP-501, WHITE RECIRCULATING A/N: 347470	D757			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC505, WEST A/N: 347470	D106			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC601, EAST A/N: 347470	D107			PM: (9) [RULE 405, 2-7-1986]	D323.1
BULK MATERIAL LOAD/UNLOAD STATION, TRUCK LOADING SPOUT A/N: 347470	D108	C109		PM: (9) [RULE 405, 2-7-1986]	D323.1
BAGHOUSE, DC-503, NORBLO, MODEL 80, 960 SQ.FT. A/N: 249298	C109	D103 D104 D108		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
<b>System 9: WHITE CEMENT PACKAGING AND BULK LOADING</b>					
CONVEYOR, SCREW, SC 602 A/N: 369891	D537			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC 603 A/N: 369891	D538			PM: (9) [RULE 405, 2-7-1986]	D323.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: WHITE CEMENT MANUFACTURING</b>					
CONVEYOR, SCREW, SC 2 A/N: 369891	D539			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC 3 A/N: 369891	D540			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC 4 A/N: 369891	D541			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC 605 A/N: 369891	D542			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SC ALE A/N: 369891	D758			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, BC429, BAG REJECT STATION A/N: 369891	D110	C639		PM: (9) [RULE 405, 2-7-1986]	D323.1
CLEANER, BCS2, BAG CLEANING STATION A/N: 369891	D719	C639		PM: (9) [RULE 405, 2-7-1986]	D323.1
SHREDDER, BAG, BS1, SCREW TYPE A/N: 369891	D383			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC1 A/N: 369891	D720			PM: (9) [RULE 405, 2-7-1986]	D323.1
BUCKET ELEVATOR, E 601 A/N: 369891	D543	C112		PM: (9) [RULE 405, 2-7-1986]	D323.1
BIN, SPILL, B 601, 200 BBL A/N: 369891	D544	C112		PM: (9) [RULE 405, 2-7-1986]	D323.1
BIN, PACKER, B 602 A/N: 369891	D545	C112		PM: (9) [RULE 405, 2-7-1986]	D323.1
PACKAGING MACHINE, PAC3 A/N: 369891	D111	C112		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, BC428 A/N: 369891	D546	C112		PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, SPILL A/N: 369891	D547			PM: (9) [RULE 405, 2-7-1986]	D323.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: WHITE CEMENT MANUFACTURING</b>					
BULK MATERIAL LOAD/UNLOAD STATION, STR-718, RAILCAR LOADING STATION A/N: 369891	D548	C112		PM: (9) [RULE 405, 2-7-1986]	D323.1
BAGHOUSE, DC-601, NORBLO, MODEL 312-AMTS, 3744 SQ.FT. A/N: 249295	C112	D111 D543 D544 D545 D546 D548		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
BAGHOUSE, DC602, MICRO-PULSE, MODEL BHAR-05030-120, 491 SQ.FT.; 30 BAGS A/N: 313728	C639	D110 D719		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.1, E201.2, K67.2
<b>System 1: FUEL STORAGE</b>					
STORAGE TANK, FIXED ROOF, HEATED, TK 400, FUEL OIL, 210000 GALS; DIAMETER: 32 FT ; HEIGHT: 35 FT A/N: 313713	D638				
<b>Process 2: GRAY CEMENT MANUFACTURING</b>					
<b>System 2: CLINKER RECEIVING AND STORAGE</b>					
UNLOADING STATION, TRUCK AND RAILCAR, ENCLOSED BUILDING WITH A RIGID DOOR AT ENTRANCE AND FLEXIBLE CURTAINS AT EXIT A/N: 495997	D773	C412		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1
HOPPER, NO. 1, NORTH, TRUCK AND RAILCAR UNLOADING A/N: 495997	D401	C412		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1
HOPPER, NO. 2, SOUTH, TRUCK AND RAILCAR UNLOADING A/N: 495997	D402	C412		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2: GRAY CEMENT MANUFACTURING</b>					
FEEDER, NO. 1, VIBRATORY A/N: 495997	D399	C412		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1
FEEDER, NO. 2, VIBRATORY A/N: 495997	D400	C412		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1
CONVEYOR, BELT, 760BC 60 A/N: 495997	D403	C412 C780		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1
CONVEYOR, BELT, 760 BC-1 A/N: 495997	D404	C780		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1
CONVEYOR, ROTARY CHUTE, 3-WAY A/N: 495997	D395	C408		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1
CONVEYOR, BELT, 760 BC-2 A/N: 495997	D405	C360		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1
STORAGE SILO, NO. 1 A/N: 495997	D396	C408		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1
STORAGE SILO, NO. 2 A/N: 495997	D397	C408		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1
STORAGE SILO, NO. 3 A/N: 495997	D398	C360 C408		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1
BAGHOUSE, 760 DC-1A, BHA, 11781 SQ.FT.; 600 BAGS WITH A/N: 367953	C412	D399 D400 D401 D402 D403 D773		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E201.1, K67.2
CONVEYOR, SCREW, 760SC1, BAGHOUSE RECLAIM	D554				
CONVEYOR, SCREW, 760SC2, BAGHOUSE RECLAIM	D555				

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: GRAY CEMENT MANUFACTURING</b>					
BAGHOUSE, 760-DC1, SLY INC., MODEL STJ-108-10, 7.5-HP EXHAUST BLOWER, 1204 SQ.FT.; 80 BAGS A/N: 510060	C780	D403 D404		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.1, E201.1, K67.2
BAGHOUSE, 760-DC10, DCE VOLKES, MODEL DLM-V15/15F, 7.5-HP EXHAUST BLOWER, VENTING TWO TRANSFER POINTS OF A BELT CONVEYOR AND A SILO, 161 SQ.FT.; 10 BAGS A/N: 495998	C360	D398 D405		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.1, E201.1, K67.2
BAGHOUSE, 760 DC 2A, BHA, 1473 SQ.FT.; 10 BAGS A/N: 281707	C408	D388 D389 D390 D395 D396 D397 D398		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E201.1, K67.2
<b>System 3: CLINKER RECLAIMING AND STORAGE</b>					
CONVEYOR, ROTARY CHUTE A/N: 496002	D556	C557		PM: (9) [RULE 405, 2-7-1986]	D323.1, H23.9, H23.10
BIN, 708S1, CLINKER STORAGE, WITH FILTER VENT A/N: 496002	D178	D179 C557 C781		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1, H23.9, H23.10
BIN, 708S2, CLINKER STORAGE A/N: 496002	D179	D161 D178 C557 C781		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1, H23.9, H23.10
BAGHOUSE, 761DC8A, BHA, MODEL R-9-81-120, 1325 SQ.FT.; 81 BAGS A/N: 496003	C557	D178 D179 D246 D247 D248 D250 D257 D556 D563 D564 D565 D572 D573 D574 D575 D578 D579 D580		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E201.1, K67.2

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (3) Denotes RECLAIM concentration limit
- (4) Denotes BACT emission limit
- (5) (5A) (5B) Denotes command and control emission limit
- (6) Denotes air toxic control rule limit
- (7) Denotes NSR applicability limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (9) See App B for Emission Limits
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: GRAY CEMENT MANUFACTURING</b>					
BAGHOUSE, 761 DC-7, LMC WEST, MODEL 64-FTD-8, 10-HP, 853 SQ.FT.; 16 BAGS A/N: 453300	C766			PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E201.2, K67.2
BAGHOUSE, DC8, SLY INC., MODEL STJ-88-10, 15-HP EXHAUST BLOWER, 960 SQ.FT.; 64 BAGS A/N: 510062	C781	D160 D161 D178 D179 D240 D243 D775		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E201.2, K67.2
<b>System 4: GLINKER CONVEYING AND STORAGE</b>					
FEEDER, 760FD1 A/N: 496000	D387	C779		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1, H23.10
FEEDER, 760FD2, BELT A/N: 496000	D388	C408 C779		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1, H23.10
FEEDER, BELT, 760BF3 A/N: 496000	D389	C408 C779		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1, H23.10
CONVEYOR, BELT, 760BC3 A/N: 496000	D390	C408 C637 C779		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1, H23.10
BUCKET ELEVATOR A/N: 496000	D774	C637		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, 760BC3A A/N: 496000	D775	C637 C781		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, 760BC4A A/N: INACTIVE	D778	C637		PM: (9) [RULE 405, 2-7-1986]	C1.4, D323.1, H23.10
BAGHOUSE, 760-DC2B, SLY INC., MODEL STJ-88-10, 15-HP EXHAUST BLOWER, 960 SQ.FT.; 64 BAGS A/N: 510059	C779	D387 D388 D389 D390		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.1, E201.1, K67.2
BAGHOUSE, 760 DC-2, BHA, MODEL R-9-81-120, 1325 SQ.FT.; 81 BAGS A/N: 496001	C637	D390 D774 D775 D778		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E201.1, K67.2
<b>System 5: GYPSUM RECEIVING AND STACKING</b>					
					S20.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: GRAY CEMENT MANUFACTURING</b>					
HOPPER, DUMP, GYPSUM, FROM TRUCKS A/N: 495996	D162			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.1
CONVEYOR, BELT, 775BC49, GYPSUM A/N: 495996	D163	C769		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.1
CONVEYOR, BELT, 775BC50, GYPSUM, STACKING A/N: 495996	D164	C769		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.1
OPEN STORAGE PILE, WITH 3-SIDED BARRIER A/N: 495996	D772			PM: (9) [RULE 405, 2-7-1986]	D323.1
BAGHOUSE, 775DC49, DCE VOLKES, MODEL DLMV 15/15, 5-HP EXHAUST BLOWER, 119 SQ.FT., 10 BAGS A/N: 458245	C769	D163 D164		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.1, E201.2, K67.2
<b>System 6: GYPSUM CONVEYING AND STORAGE</b>					S20.1
FEEDER, 775PF1 A/N: 249433	D159			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.1
FEEDER, 775PF2 A/N: 249433	D560			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.1
FEEDER, 775PF3 A/N: 249433	D561			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.1
FEEDER, 775PF4 A/N: 249433	D562			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.1
CONVEYOR, BELT, 775 BC-51, GYPSUM A/N: 249433	D160	C781		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.1
BIN, 708 S-3, GYPSUM, 5762 CU.FT. A/N: 249433	D161	D179 D242 C781		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.1
<b>System 7: LIMESTONE RECEIVING AND STORAGE</b>					S20.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(2) (2A) (2B) Denotes RECLAIM emission rate  
(3) Denotes RECLAIM concentration limit  
(4) Denotes BACT emission limit  
(5) (5A) (5B) Denotes command and control emission limit  
(6) Denotes air toxic control rule limit  
(7) Denotes NSR applicability limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(9) See App B for Emission Limits  
(10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2: GRAY CEMENT MANUFACTURING</b>					
HOPPER, SURGE, 761H1, FROM TRUCKS, WITH A 3-SIDED BARRIER A/N: 495995	D239	C249		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, 761 BF-1, WITH DUST COVERS A/N: 495995	D241	C249		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, 761 BC52 A/N: 495995	D240	C249 C781		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, 708S6, 1400 CU.FT. A/N: 495995	D242	D161 D243		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, 708S4, 8100 CU.FT. A/N: 495995	D243	D242 C781		PM: (9) [RULE 405, 2-7-1986]	D323.1
BAGHOUSE, 761 DC13, MIKRO-PULSAIRE, MODEL 36-S-8-30, 339 SQ.FT.; 36 BAGS A/N: 249405	C249	D239 D240 D241		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.1, E201.2, K67.2
<b>System 3: FINISH GRINDING NO.1</b>					S20.1
FEEDER, FROM D178, 708S1 CLINKER A/N: 249426	D563	C557 C713		PM: (9) [RULE 405, 2-7-1986]	D323.1
FEEDER, FROM D179, 708S2 CLINKER A/N: 249426	D564	C557 C713		PM: (9) [RULE 405, 2-7-1986]	D323.1
FEEDER, FROM D161, 708S3 GYPSUM A/N: 249426	D565	C557 C713		PM: (9) [RULE 405, 2-7-1986]	D323.1
FEEDER, FROM D243, 708S4 LIMESTONE A/N: 249426	D248	C557 C713		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, 708 BC76 A/N: 249426	D250	C256 C557 C713		PM: (9) [RULE 405, 2-7-1986]	D323.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process: GRAY CEMENT MANUFACTURING</b>					
MILL, BALL, 708 FM-1 A/N: 249426	D251	C256 C568		PM: (9) [RULE 405, 2-7-1986]	D323.1
BUCKET ELEVATOR, 708E1-1 A/N: 249426	D566			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, 708 AS1-1 A/N: 249426	D254	C256		PM: (9) [RULE 405, 2-7-1986]	D323.1
AIR CLASSIFIER, 708 SE1-1 A/N: 249426	D252	C256		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, 708SC3-1, BAGHOUSE RECLAIM A/N: 249426	D567	C256		PM: (9) [RULE 405, 2-7-1986]	D323.1
PUMP, 708 FK1, CEMENT A/N: 249426	D253	C256		PM: (9) [RULE 405, 2-7-1986]	D323.1
BAGHOUSE, 708DC76, DCE VOLKES, MODEL DLM-V5/15F, 3-HP, 260 SQ.FT.; 10 BAGS A/N: 367955	C713	D248 D250 D563 D564 D565		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.1, E201.2, K67.2
BAGHOUSE, 708DC2-1, 5953 SQ.FT.; 364 BAGS WITH A/N: 313731	C568	D251		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E201.1, K67.2
CONVEYOR, SCREW, 708SC4	D569				
BAGHOUSE, 708 DC1-1, NORBLO, MODEL 858 AT, 20612 SQ.FT. WITH A/N: 249416	C256	D250 D251 D252 D253 D254 D567		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
CONVEYOR, SCREW, 708SC1-1	D570				
CONVEYOR, SCREW, 708SC2-1	D571				
<b>System 9: FINISH GRINDING NO. 2</b>					S20.1

- |                                                          |                                                               |
|----------------------------------------------------------|---------------------------------------------------------------|
| * (1) (1A) (1B) Denotes RECLAIM emission factor          | (2) (2A) (2B) Denotes RECLAIM emission rate                   |
| (3) Denotes RECLAIM concentration limit                  | (4) Denotes BACT emission limit                               |
| (5) (5A) (5B) Denotes command and control emission limit | (6) Denotes air toxic control rule limit                      |
| (7) Denotes NSR applicability limit                      | (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) |
| (9) See App B for Emission Limits                        | (10) See section J for NESHAP/MACT requirements               |

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2: GRAY CEMENT MANUFACTURING</b>					
FEEDER, FROM D178, 708S1 CLINKER A/N: 273974	D572	C557 C577		PM: (9) [RULE 405, 2-7-1986]	D323.1
FEEDER, FROM D179, 708S2 CLINKER A/N: 273974	D573	C557 C577		PM: (9) [RULE 405, 2-7-1986]	D323.1
FEEDER, FROM D161, 708S3 GYPSUM A/N: 273974	D574	C557 C577		PM: (9) [RULE 405, 2-7-1986]	D323.1
FEEDER, FROM D243, 708S4 LIMESTONE A/N: 273974	D247	C557 C577		PM: (9) [RULE 405, 2-7-1986]	D323.1
FEEDER, FROM D242, 708S6 LIMESTONE A/N: 273974	D575	C557 C577		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, 708 BC77 A/N: 273974	D257	D261 D262 C264 C557 C577		PM: (9) [RULE 405, 2-7-1986]	C1.3, D323.1
CONVEYOR, FEED CHUTE A/N: 273974	D576	D258 D261 D262 C264		PM: (9) [RULE 405, 2-7-1986]	D323.1
MILL, BALL, 708 FM2 A/N: 273974	D258	C264 D576		PM: (9) [RULE 405, 2-7-1986]	C1.3, D323.1
BUCKET ELEVATOR, 708 E1-2 A/N: 273974	D259			PM: (9) [RULE 405, 2-7-1986]	C1.3, D323.1
CONVEYOR, AIR SLIDE, 708 AS1-2 A/N: 273974	D262	D257 C265 D576		PM: (9) [RULE 405, 2-7-1986]	C1.3, D323.1
SCREEN, CLASSIFYING, CLASSIFYING, 708 SE1-2, SEPARATOR A/N: 273974	D261	D257 C265 D576		PM: (9) [RULE 405, 2-7-1986]	C1.3, D323.1
PUMP, 708P1-2, CEMENT A/N: 273974	D263	C265		PM: (9) [RULE 405, 2-7-1986]	C1.3, D323.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2: GRAY CEMENT MANUFACTURING</b>					
BAGHOUSE, 708DC77, DCE VOLKES, 98 SQ.FT.; 10 BAGS A/N: 313726	C577	D247 D257 D572 D573 D574 D575		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.1, E201.1, K67.2
BAGHOUSE, 708 DC2-2, FULLER, MODEL 304C12, 304 BAGS WITH A/N: 249415	C264	D257 D258 D576		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
CONVEYOR, AIR SLIDE, 708 AS6-2	D260				
BAGHOUSE, 708DC1-2, FULLER, MODEL 101Z128, 1280 BAGS A/N: 249414	C265	D261 D262 D263		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
<b>System 10: FINISH GRINDING NO. 3</b>					
FEEDER, FROM D179, 708S2 CLINKER A/N: 330516	D578	C557 C581		PM: (9) [RULE 405, 2-7-1986]	D323.1
FEEDER, FROM D161, 708S3 GYPSUM A/N: 330516	D579	C557 C581		PM: (9) [RULE 405, 2-7-1986]	D323.1
FEEDER, FROM D243, 708S4 LIMESTONE A/N: 330516	D246	C557 C581		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, 708BC78 A/N: 330516	D580	C120 C557 C581		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, 708BC80. A/N: 330516	D219	C120		PM: (9) [RULE 405, 2-7-1986]	C1.2, D323.1
MILL, BALL, 705FM1 A/N: 330516	D221	C238		PM: (9) [RULE 405, 2-7-1986]	C1.2, D323.1
CONVEYOR, AIR SLIDE, 705 AS17-1 A/N: 330516	D222	C238		PM: (9) [RULE 405, 2-7-1986]	D323.1

\* (1) (1A) (1B) Denotes RECLAIM emission factor  
 (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit  
 (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit  
 (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit  
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits  
 (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: GRAY CEMENT MANUFACTURING</b>					
BUCKET ELEVATOR, 705 E5-1 A/N: 330516	D224	C238		PM: (9) [RULE 405, 2-7-1986]	C1.2, D323.1
CONVEYOR, SCREW, 705SC2-1 A/N: 330516	D223			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, 705 AS21-1 A/N: 330516	D227			PM: (9) [RULE 405, 2-7-1986]	D323.1
SCREEN, CLASSIFYING, 705 SE1-1, SEPARATOR A/N: 330516	D228	C202		PM: (9) [RULE 405, 2-7-1986]	C1.2, D323.1
CONVEYOR, AIR SLIDE, 705AS15 A/N: 330516	D226			PM: (9) [RULE 405, 2-7-1986]	D323.1
PUMP, 705FKP1-1 A/N: 330516	D225	C202		PM: (9) [RULE 405, 2-7-1986]	C1.2, D323.1
BAGHOUSE, 708DC78, DCE VOLKS, 98 SQ.FT.; 10 BAGS A/N: 313724	C581	D246 D578 D579 D580		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.1, E201.1, K67.2
BAGHOUSE, 708DC80, DCE VOKES, MODEL DLM-V15/15-F3, 161 SQ.FT.; 10 BAGS A/N: 249404	C120	D219 D580		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.1, E201.2, K67.2
CYCLONE, 705 CY1-1 A/N: 330523	C238	C202 D221 D222 D224			D323.1
BAGHOUSE, 705 DC6-1, NORBLO, 16456 SQ.FT.; 1170 BAGS WITH A/N: 330523	C202	D225 D228 C238		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E201.1, K67.2
CONVEYOR, SCREW, 705SC8-1	D230				
<b>System 13: PLASTIC CEMENT STORAGE</b>					S20.1
STORAGE SILO, 1 A/N: 330515	D341	C594		PM: (9) [RULE 405, 2-7-1986]	D323.1

- |                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>* (1) (1A) (1B) Denotes RECLAIM emission factor</li> <li>(3) Denotes RECLAIM concentration limit</li> <li>(5) (5A) (5B) Denotes command and control emission limit</li> <li>(7) Denotes NSR applicability limit</li> <li>(9) See App B for Emission Limits</li> </ul> | <ul style="list-style-type: none"> <li>(2) (2A) (2B) Denotes RECLAIM emission rate</li> <li>(4) Denotes BACT emission limit</li> <li>(6) Denotes air toxic control rule limit</li> <li>(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)</li> <li>(10) See section J for NESHAP/MACT requirements</li> </ul> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2 GRAY CEMENT MANUFACTURING</b>					
STORAGE SILO, 2 A/N: 330515	D342	C594		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, 3 A/N: 330515	D339	C343		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, 4 A/N: 330515	D340	C343		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, 5 A/N: 330515	D338	C365		PM: (9) [RULE 405, 2-7-1986]	D323.1
BAGHOUSE, 709 DC8, NORBLO, MODEL 156-AMT, 2184 SQ.FT.; 156 BAGS A/N: 330524	C343	D339 D340		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
BAGHOUSE, 709DC7, MICRO PULSAIRE, MODEL 255-8-30, 309 SQ.FT.; 42 BAGS A/N: 330529	C594	D341 D342		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.1, E201.1, K67.2
<b>System 14 BULK LOADING NO. 1</b>					
CONVEYOR, AIR SLIDE, 709AS69, SHARED WITH PROCESS 2, SYSTEM 15 A/N: 330514	D595	C365		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC71, EAST, SHARED WITH PROCESS 2, SYSTEM 15 A/N: 330514	D596			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC70, WEST, SHARED WITH PROCESS 2, SYSTEM 15 A/N: 330514	D597			PM: (9) [RULE 405, 2-7-1986]	D323.1
BUCKET ELEVATOR, 709E6 030, PLASTIC CEMENT, SHARED WITH PROCESS 2, SYSTEM 15 A/N: 330514	D305	C365 C598		PM: (9) [RULE 405, 2-7-1986]	D323.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(2) (2A) (2B) Denotes RECLAIM emission rate  
(3) Denotes RECLAIM concentration limit  
(4) Denotes BACT emission limit  
(5) (5A) (5B) Denotes command and control emission limit  
(6) Denotes air toxic control rule limit  
(7) Denotes NSR applicability limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(9) See App B for Emission Limits  
(10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: GRAY CEMENT MANUFACTURING</b>					
CONVEYOR, SCREW, 709SC21 A/N: 330514	D289			PM: (9) [RULE 405, 2-7-1986]	D323.1, E166.1
BULK MATERIAL LOAD/UNLOAD STATION, TRUCK LOADING SPOUT A/N: 330514	D290	C599		PM: (9) [RULE 405, 2-7-1986]	D323.1, E166.1
BAGHOUSE, 709DC11, VOLKS, 161 SQ.FT.; 10 BAGS A/N: 313746	C598	D305		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.1, E201.1, K67.2
BAGHOUSE, 709DC12, MICRO PULSAIRE, MODEL 368-830, 356 SQ.FT.; 37 BAGS A/N: 330521	C599	D290		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.1, E201.1, K67.2
<b>System 15: PACKAGING</b>					
CONVEYOR, AIR SLIDE, 709AS70 A/N: 369259	D600	C365		PM: (9) [RULE 405, 2-7-1986]	D323.1
TANK, SURGE, 034, PLASTIC CEMENT A/N: 369259	D306	C365		PM: (9) [RULE 405, 2-7-1986]	C1.1, D323.1
TANK, SURGE, A 036, PLASTIC CEMENT A/N: 369259	D307	C365		PM: (9) [RULE 405, 2-7-1986]	C1.1, D323.1
TANK, SURGE, B 037, PLASTIC CEMENT A/N: 369259	D308	C365		PM: (9) [RULE 405, 2-7-1986]	C1.1, D323.1
CONVEYOR, AIR SLIDE, AS 49 A/N: 369259	D601			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS 59 A/N: 369259	D602			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, C56 A/N: 369259	D309	D292		PM: (9) [RULE 405, 2-7-1986]	C1.1, D323.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2: GRAY CEMENT MANUFACTURING</b>					
CONVEYOR, AIR SLIDE, D58 A/N: 369259	D310	D292		PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
CONVEYOR, AIR SLIDE, E66 A/N: 369259	D311	D292		PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
CONVEYOR, AIR SLIDE, F68 A/N: 369259	D312	D292		PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
CONVEYOR, AIR SLIDE, AS 50 A/N: 369259	D705			PM: (9) [RULE 405, 2-7-1986]	D323.1
BUCKET ELEVATOR, EL 101 A/N: 369259	D706	C295		PM: (9) [RULE 405, 2-7-1986]	D323.1
TANK, SURGE, 70, BLOCK AND TYPE II CEMENT A/N: 369259	D313	D292		PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
TANK, SURGE, DENSE C72, BLOCK AND TYPE II CEMENT A/N: 369259	D314	D292		PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
TANK, SURGE, DENSE D74, BLOCK AND TYPE II CEMENT A/N: 369259	D315	D292		PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
BIN, SURGE, 100, PLASTIC CEMENT, NORTH, 50 TONS A/N: 369259	D316	C334		PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
BIN, SURGE, 102, BLOCK CEMENT, MIDDLE, 50 TONS A/N: 369259	D317	C335		PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
BIN, SURGE, 104, TYPE II CEMENT, SOUTH, 50 TONS A/N: 369259	D318	C336		PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
CONVEYOR, AIR SLIDE, AS G A/N: 369259	D603			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS H A/N: 369259	D604			PM: (9) [RULE 405, 2-7-1986]	D323.1

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| <p>* (1) (1A) (1B) Denotes RECLAIM emission factor<br/>(3) Denotes RECLAIM concentration limit<br/>(5) (5A) (5B) Denotes command and control emission limit<br/>(7) Denotes NSR applicability limit<br/>(9) See App B for Emission Limits</p> | <p>(2) (2A) (2B) Denotes RECLAIM emission rate<br/>(4) Denotes BACT emission limit<br/>(6) Denotes air toxic control rule limit<br/>(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)<br/>(10) See section J for NESHAP/MACT requirements</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: GRAY CEMENT MANUFACTURING</b>					
CONVEYOR, AIR SLIDE, AS I A/N: 369259	D605			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS J A/N: 369259	D606			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS K A/N: 369259	D607			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS L A/N: 369259	D608			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS M A/N: 369259	D609			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS N A/N: 369259	D610			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS O A/N: 369259	D611			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS P A/N: 369259	D612			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS Q158 A/N: 369259	D613			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS R159 A/N: 369259	D614			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS T166 A/N: 369259	D615			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS U A/N: 369259	D616			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS V A/N: 369259	D617			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS W A/N: 369259	D618			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS X175 A/N: 369259	D619			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS Y A/N: 369259	D620			PM: (9) [RULE 405, 2-7-1986]	D323.1

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>* (1) (1A) (1B) Denotes RECLAIM emission factor<br/>(3) Denotes RECLAIM concentration limit<br/>(5) (5A) (5B) Denotes command and control emission limit<br/>(7) Denotes NSR applicability limit<br/>(9) See App B for Emission Limits</p> | <p>(2) (2A) (2B) Denotes RECLAIM emission rate<br/>(4) Denotes BACT emission limit<br/>(6) Denotes air toxic control rule limit<br/>(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)<br/>(10) See section J for NESHAP/MACT requirements</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2: GRAY CEMENT MANUFACTURING</b>					
BUCKET ELEVATOR, 201, PACKER NO. 1, SOUTH A/N: 369259	D319	C337		PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
CONVEYOR, AIR SLIDE, AS Q202 A/N: 369259	D621			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, AS R204 A/N: 369259	D623	C337		PM: (9) [RULE 405, 2-7-1986]	D323.1
SCREEN, CLASSIFYING, CLASSIFYING, 206, PACKER NO. 1 A/N: 369259	D320	C337		PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
HOPPER, WEIGH, 208, PACKER NO. 1 A/N: 369259	D321	C337		PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
FEEDER, 209, PACKER NO. 1 A/N: 369259	D322			PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
PACKAGING MACHINE, NO. 1, 210 A/N: 369259	D323	C337		PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
CONVEYOR, SCREW, SC218, BAGHOUSE RECLAIM A/N: 369259	D324			PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
CONVEYOR, SCREW, SPILL 212 A/N: 369259	D325	C337		PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
BUCKET ELEVATOR, 301, PACKER NO. 2, NORTH A/N: 369259	D326	C358		PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
CONVEYOR, AIR SLIDE, S 302, PACKER NO. 2 A/N: 369259	D327			PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1
CONVEYOR, SCREW, SC180 A/N: 369259	D624			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, T 304, PACKER NO. 2 A/N: 369259	D328	C358		PM: (9) [RULE 405, 2-7-1986]	Cl.1, D323.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: GRAY CEMENT MANUFACTURING</b>					
SCREEN, CLASSIFYING, CLASSIFYING, 306, PACKER NO. 2, NORTH A/N: 369259	D329	C358		PM: (9) [RULE 405, 2-7-1986]	C1.1, D323.1
HOPPER, WEIGH, 308, PACKER NO. 2 A/N: 369259	D330	C358		PM: (9) [RULE 405, 2-7-1986]	C1.1, D323.1
FEEDER, 309, PACKER NO. 2 A/N: 369259	D331			PM: (9) [RULE 405, 2-7-1986]	C1.1, D323.1
PACKAGING MACHINE, NO.2, 310 A/N: 369259	D333	C358		PM: (9) [RULE 405, 2-7-1986]	C1.1, D323.1
CONVEYOR, SCREW, SC318, SPILL SCREW A A/N: 369259	D332	C358		PM: (9) [RULE 405, 2-7-1986]	C1.1, D323.1
CONVEYOR, SCREW, SC312, SPILL SCREW B A/N: 369259	D625	C358		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SC313 A/N: 369259	D710			PM: (9) [RULE 405, 2-7-1986]	C1.1, D323.1
BAGHOUSE, 709DC9, MICRO PULSAIRE, 1439 SQ.FT.; 88 BAGS A/N: 330519	C365	D305 D306 D307 D308 D338 D595 D600		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
BAGHOUSE, DC 190, 30 BAGS A/N: 249331	C334	D316		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
BAGHOUSE, DC 194, 30 BAGS A/N: 249332	C335	D317		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E102.1, K67.2
BAGHOUSE, DC 186, 64 BAGS A/N: 249330	C336	D318		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E102.1, K67.2

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2: GRAY CEMENT MANUFACTURING</b>					
BAGHOUSE, DC214, ALSO VENTS PALLETIZER, SOUTH, 168 BAGS A/N: 249333	C337	D319 D320 D321 D323 D325 D623		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E102.1, K67.2
BAGHOUSE, DC314, ALSO VENTS PALLETIZER, 168 BAGS A/N: 249334	C358	D326 D328 D329 D330 D332 D333 D625		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
<b>System 16: BULK LOADING NO. 5</b>					S20.1
STORAGE SILO, NO. 23, EAST A/N: 249301	D292	C295 D309 D310 D311 D312 D313 D314 D315		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, NO. 24-27, FOUR COMPARTMENTS A/N: 249301	D294	C295		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, NO. 28, WEST A/N: 249301	D293	C295		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, 904 AS-1, EAST A/N: 249301	D626			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, AIR SLIDE, 904 AS-2, WEST A/N: 249301	D627			PM: (9) [RULE 405, 2-7-1986]	D323.1
BULK MATERIAL LOAD/UNLOAD STATION, TRUCK LOADING SPOUT, EAST A/N: 249301	D628	C630		PM: (9) [RULE 405, 2-7-1986]	D323.1
BULK MATERIAL LOAD/UNLOAD STATION, TRUCK LOADING SPOUT, WEST A/N: 249301	D629	C118		PM: (9) [RULE 405, 2-7-1986]	D323.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: GRAY CEMENT MANUFACTURING</b>					
BAGHOUSE, 708 DC-11, NORBLO, MODEL 234-AM, 2808 SQ.FT. A/N: 249335	C295	D292 D293 D294 D706		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.2, E201.2, K67.2
BAGHOUSE, 904 DC-1, MIKRO-D PULSAIRE, MODEL 36S-6-30, 256 SQ.FT. A/N: 249303	C118	D629		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.1, E201.2, K67.2
BAGHOUSE, 904DC2, GOR-TEX, 248 SQ.FT.; 25 BAGS A/N: 313718	C630	D628		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.1, E201.1, K67.2
<b>Process 3: FUEL STORAGE AND DISPENSING</b>					
STORAGE TANK, FIXED ROOF, GASOLINE, WITH PHASE I VAPOR RECOVERY SYSTEM, 2000 GALS A/N: 331529	D648				D330.1, H23.5, J109.1, J373.1
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, GASOLINE, WITH PHASE II VAPOR RECOVERY SYSTEM A/N: 331529	D649				D330.1, H23.5, J110.1, J373.2
<b>Process 4: INTERNAL COMBUSTION ENGINES</b>					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, GASOLINE, HERCULES, MODEL G0339H, KILN NO. 2 DRIVE, SOUTH, 95 HP A/N: 330495	D645		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	NOX: 102 LBS/1000 GAL GASOLINE (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; SOX: 5.3 LBS/1000 GAL GASOLINE (1) [RULE 2011, 5-6-2005]	C1.5

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 4: INTERNAL COMBUSTION ENGINES</b>					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, LEAN BURN, DIESEL FUEL, CATERPILLAR, MODEL 3516, FOUR CYCLE, WITH AFTERCOOLER, TURBOCHARGER, 2628 BHP A/N: 385897	D733		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; ROG: 1 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; SOX: 6.24 LBS/1000 GAL DIESEL (1) [RULE 2011, 5-6-2005]	C1.5
<b>Process 5: TANKS</b>					
TANK, UNHEATED, ACETIC ACID, 500 GALS; DIAMETER: 4 FT ; HEIGHT: 4 FT A/N: 330505	D646				
<b>Process 6: R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES</b>					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E631			ROG: (9) [RULE 1113, 11-8-1996; RULE 1113, 7-13-2007; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	K67.1

\* (1) (1A) (1B) Denotes RECLAIM emission factor  
 (3) Denotes RECLAIM concentration limit  
 (5) (5A) (5B) Denotes command and control emission limit  
 (7) Denotes NSR applicability limit  
 (9) See App B for Emission Limits  
 (2) (2A) (2B) Denotes RECLAIM emission rate  
 (4) Denotes BACT emission limit  
 (6) Denotes air toxic control rule limit  
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (10) See section J for NESHAP/MACT requirements  
 \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 6: R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES</b>					
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E632			ROG: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E633			VOC: (9) [RULE 1107, 11-9-2001; RULE 1107, 1-6-2006; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E634				H23.2
RULE 219 EXEMPT EQUIPMENT, HALON UNITS	E636				H23.4

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
  - (3) Denotes RECLAIM concentration limit
  - (5) (5A) (5B) Denotes command and control emission limit
  - (7) Denotes NSR applicability limit
  - (9) See App B for Emission Limits
  - (2) (2A) (2B) Denotes RECLAIM emission rate
  - (4) Denotes BACT emission limit
  - (6) Denotes air toxic control rule limit
  - (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
  - (10) See section J for NESHAP/MACT requirements
- \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

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**SECTION D: DEVICE ID INDEX**

**The following sub-section provides an index  
to the devices that make up the facility  
description sorted by device ID.**

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: DEVICE ID INDEX**

<b>Device Index For Section D</b>			
<b>Device ID</b>	<b>Section D Page No.</b>	<b>Process</b>	<b>System</b>
D1	5	1	2
D2	4	1	2
D3	2	1	1
D4	2	1	1
D5	2	1	1
D6	2	1	1
D7	1	1	1
D8	1	1	1
D9	1	1	1
D10	1	1	1
D11	1	1	1
D12	2	1	1
D13	2	1	1
D14	4	1	2
D15	4	1	2
D17	3	1	2
D18	3	1	2
D19	3	1	2
D20	3	1	2
D22	4	1	2
D23	4	1	2
C24	5	1	2
D26	5	1	3
D27	6	1	3
D28	5	1	3
D29	5	1	3
D30	6	1	3
C31	6	1	3
D55	2	1	1
C66	6	1	4
C67	7	1	4
C68	7	1	4
D72	7	1	5
D73	7	1	5
D74	7	1	5

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D75	7	1	5
D76	7	1	5
D77	7	1	5
D78	7	1	5
D79	7	1	5
D80	7	1	5
D81	8	1	5
D82	8	1	5
D83	8	1	5
D84	8	1	5
D85	8	1	5
C87	8	1	5
D88	9	1	6
D89	9	1	6
D90	9	1	6
D91	9	1	6
D92	9	1	6
D93	9	1	6
D94	9	1	6
D95	9	1	6
D96	10	1	6
D97	10	1	6
D98	10	1	6
C99	10	1	6
D100	10	1	7
D101	10	1	7
D102	11	1	7
D103	11	1	7
D104	11	1	7
D105	11	1	7
D106	11	1	7
D107	11	1	7
D108	11	1	7
C109	11	1	7
D110	12	1	9

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: DEVICE ID INDEX**

<b>Device Index For Section D</b>			
<b>Device ID</b>	<b>Section D Page No</b>	<b>Process</b>	<b>System</b>
D111	12	1	9
C112	13	1	9
C113	3	1	1
C115	3	1	1
C118	30	2	16
C120	22	2	10
D134	1	1	1
D147	1	1	1
D148	1	1	1
D149	1	1	1
C152	2	1	1
C158	2	1	1
D159	17	2	6
D160	17	2	6
D161	17	2	6
D162	17	2	5
D163	17	2	5
D164	17	2	5
D178	15	2	3
D179	15	2	3
C202	22	2	10
D219	21	2	10
D221	21	2	10
D222	21	2	10
D223	22	2	10
D224	22	2	10
D225	22	2	10
D226	22	2	10
D227	22	2	10
D228	22	2	10
D230	22	2	10
C238	22	2	10
D239	18	2	7
D240	18	2	7
D241	18	2	7

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D242	18	2	7
D243	18	2	7
D246	21	2	10
D247	20	2	9
D248	18	2	8
C249	18	2	7
D250	18	2	8
D251	19	2	8
D252	19	2	8
D253	19	2	8
D254	19	2	8
C256	19	2	8
D257	20	2	9
D258	20	2	9
D259	20	2	9
D260	21	2	9
D261	20	2	9
D262	20	2	9
D263	20	2	9
C264	21	2	9
C265	21	2	9
D289	24	2	14
D290	24	2	14
D292	29	2	16
D293	29	2	16
D294	29	2	16
C295	30	2	16
D305	23	2	14
D306	24	2	15
D307	24	2	15
D308	24	2	15
D309	24	2	15
D310	25	2	15
D311	25	2	15
D312	25	2	15

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: DEVICE ID INDEX**

<b>Device Index For Section D</b>			
<b>Device ID</b>	<b>Section D Page No.</b>	<b>Process</b>	<b>System</b>
D313	25	2	15
D314	25	2	15
D315	25	2	15
D316	25	2	15
D317	25	2	15
D318	25	2	15
D319	27	2	15
D320	27	2	15
D321	27	2	15
D322	27	2	15
D323	27	2	15
D324	27	2	15
D325	27	2	15
D326	27	2	15
D327	27	2	15
D328	27	2	15
D329	28	2	15
D330	28	2	15
D331	28	2	15
D332	28	2	15
D333	28	2	15
C334	28	2	15
C335	28	2	15
C336	28	2	15
C337	29	2	15
D338	23	2	13
D339	23	2	13
D340	23	2	13
D341	22	2	13
D342	23	2	13
C343	23	2	13
C358	29	2	15
C360	15	2	2
C365	28	2	15
D383	12	1	9

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: DEVICE ID INDEX**

<b>Device Index For Section D</b>			
<b>Device ID</b>	<b>Section D Page No.</b>	<b>Process</b>	<b>System</b>
D387	16	2	4
D388	16	2	4
D389	16	2	4
D390	16	2	4
D395	14	2	2
D396	14	2	2
D397	14	2	2
D398	14	2	2
D399	14	2	2
D400	14	2	2
D401	13	2	2
D402	13	2	2
D403	14	2	2
D404	14	2	2
D405	14	2	2
C408	15	2	2
C412	14	2	2
D537	11	1	9
D538	11	1	9
D539	12	1	9
D540	12	1	9
D541	12	1	9
D542	12	1	9
D543	12	1	9
D544	12	1	9
D545	12	1	9
D546	12	1	9
D547	12	1	9
D548	13	1	9
D554	14	2	2
D555	14	2	2
D556	15	2	3
C557	15	2	3
D560	17	2	6
D561	17	2	6

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: DEVICE ID INDEX**

<b>Device Index For Section D</b>			
<b>Device ID</b>	<b>Section D Page No.</b>	<b>Process</b>	<b>System</b>
D562	17	2	6
D563	18	2	8
D564	18	2	8
D565	18	2	8
D566	19	2	8
D567	19	2	8
C568	19	2	8
D569	19	2	8
D570	19	2	8
D571	19	2	8
D572	20	2	9
D573	20	2	9
D574	20	2	9
D575	20	2	9
D576	20	2	9
C577	21	2	9
D578	21	2	10
D579	21	2	10
D580	21	2	10
C581	22	2	10
C594	23	2	13
D595	23	2	14
D596	23	2	14
D597	23	2	14
C598	24	2	14
C599	24	2	14
D600	24	2	15
D601	24	2	15
D602	24	2	15
D603	25	2	15
D604	25	2	15
D605	26	2	15
D606	26	2	15
D607	26	2	15
D608	26	2	15

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D609	26	2	15
D610	26	2	15
D611	26	2	15
D612	26	2	15
D613	26	2	15
D614	26	2	15
D615	26	2	15
D616	26	2	15
D617	26	2	15
D618	26	2	15
D619	26	2	15
D620	26	2	15
D621	27	2	15
D623	27	2	15
D624	27	2	15
D625	28	2	15
D626	29	2	16
D627	29	2	16
D628	29	2	16
D629	29	2	16
C630	30	2	16
E631	31	6	0
E632	32	6	0
E633	32	6	0
E634	32	6	0
E636	32	6	0
C637	16	2	4
D638	13	1	11
C639	13	1	9
C640	2	1	1
C641	8	1	5
C642	8	1	5
C643	6	1	4
D645	30	4	0
D646	31	5	0

**FACILITY PERMIT TO OPERATE  
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**SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D648	30	3	0
D649	30	3	0
D650	1	1	1
D651	1	1	1
D652	1	1	1
D653	1	1	1
D654	2	1	1
D655	2	1	1
D656	2	1	1
D657	3	1	2
D658	4	1	2
D659	4	1	2
D660	4	1	2
D661	4	1	2
D662	4	1	2
D663	4	1	2
D686	7	1	5
D687	7	1	5
D688	8	1	5
D689	8	1	5
D690	8	1	5
D691	11	1	7
D692	5	1	3
D693	6	1	3
D694	6	1	3
D695	6	1	3
D696	6	1	3
D697	5	1	3
C698	3	1	1
C699	8	1	5
C700	9	1	5
C701	9	1	5
D705	25	2	15
D706	25	2	15
D707	1	1	1

**FACILITY PERMIT TO OPERATE  
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**SECTION D: DEVICE ID INDEX**

<b>Device Index For Section D</b>			
<b>Device ID</b>	<b>Section D Page No.</b>	<b>Process</b>	<b>System</b>
D709	10	1	7
D710	28	2	15
D711	3	1	2
C712	5	1	2
C713	19	2	8
D715	4	1	2
D716	4	1	2
C717	6	1	4
C718	5	1	2
D719	12	1	9
D720	12	1	9
D721	5	1	2
D722	5	1	2
D723	10	1	6
D724	10	1	6
D733	31	4	0
D748	1	1	1
D749	3	1	2
D752	4	1	2
D753	4	1	2
C754	6	1	4
D755	11	1	7
D756	10	1	7
D757	11	1	7
D758	12	1	9
C766	16	2	3
C769	17	2	5
D772	17	2	5
D773	13	2	2
D774	16	2	4
D775	16	2	4
D778	16	2	4
C779	16	2	4
C780	15	2	2
C781	16	2	3

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## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

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### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

#### **FACILITY CONDITIONS**

**F5.1 The following conditions shall apply to applicable dust emission sources at this facility:**

The operator shall not store any clinker outdoor in open storage piles.

The operator shall not conduct any material storage, conveying, or transporting activities in the open bay area located at the northeast corner of the facility. Vehicular traffic within this area shall be restricted to prevent fugitive dust emissions. The operator shall notify the District (Cher Snyder, 909-396-2430 or [csnyder@aqmd.gov](mailto:csnyder@aqmd.gov)) at least 30 days before using this area for future construction or operations with appropriate permits or dismantling of equipment to permit alternative use of the site.

The operator shall ensure the availability of one or more water trucks, on site, with sufficient capacity to abate fugitive dust through the application of water to dry materials, as necessary.

The operator shall only discharge dust collected in any of the baghouses operated at the facility into enclosed containers and shall only transport the dust collected in any of the baghouses using enclosed conveyors, in a manner that no fugitive emissions or dusts are visible.

The operator shall post and maintain signage in English and Spanish at the following specified locations in accordance with the standards approved by the District. These signs shall include the District toll-free complaint line, 1-800-CUT-SMOG (1-800-288-7664), and shall be conspicuously posted within 50 feet of the curb facing: 1) Rubidoux Blvd., behind the main administration building, and 2) El Rivino Road, near its intersection with the entry road to the facility.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

---

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001]

F14.1 The operator shall not use fuel oil containing sulfur compounds in excess of 0.05 percent by weight.

This condition shall not apply to D33 and D42

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

F14.2 The operator shall not purchase fuel oil containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

This condition shall not apply to D33 and D42

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

Rule 1156

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

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**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[RULE 1156, 11-4-2005; RULE 1156, 3-6-2009]

**SYSTEM CONDITIONS**

S1.1 The operator shall limit the material processed to no more than 64000 ton(s) in any one month.

For the purpose of this condition, material processed shall be defined as the total amount of cement loaded to the silos from process, railcars, and trucks.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 6]

S13.1 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	40CFR60, SUBPART	F

[40CFR 60 Subpart F, 5-3-1989]

[Systems subject to this condition : Process 2, System 15 , 17]

S20.1 For the purposes of determining compliance with District Rule 405, solid particulate matter emissions shall be based on the combined emissions from all points of this system.

[RULE 405, 2-7-1986]

[Systems subject to this condition : Process 1, System 1, 3, 5, 6, 7, 9; Process 2, System 2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18]

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

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**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

**DEVICE CONDITIONS**

**A. Emission Limits**

A103.1 The operator shall keep materials sufficiently moist to prevent fugitive dust emissions.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000**]

[Devices subject to this condition : D159, D160, D161, D162, D163, D164, D560, D561, D562]

**C. Throughput or Operating Parameter Limits**

C1.1 The operator shall limit the material processed to no more than 3008 tons in any one day.

For the purpose of this condition, material processed shall be defined as cement processed in the bagging system.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D306, D307, D308, D309, D310, D311, D312, D313, D314, D315, D316, D317, D318, D319, D320, D321, D322, D323, D324, D325, D326, D327, D328, D329, D330, D331, D332, D333, D710]

C1.2 The operator shall limit the material processed to no more than 5400 tons in any one day.

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

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**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D219, D221, D224, D225, D228]

C1.3 The operator shall limit the material processed to no more than 1440 tons in any one day.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D257, D258, D259, D261, D262, D263]

C1.4 The operator shall limit the material processed to no more than 324000 tons in any one month.

For the purpose of this condition, material processed shall be defined as gray clinker processed in this system.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D178, D179, D387, D388, D389, D390, D395, D396, D397, D398, D399, D400, D401, D402, D403, D404, D405, D773, D778]

C1.5 The operator shall limit the operating time to no more than 199 hour(s) in any one year.

To comply with this condition, the operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[RULE 1304(c)-Offset Exemption, 6-14-1996]

[Devices subject to this condition : D645, D733]

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## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

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### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

C1.6 The operator shall limit the material processed to no more than 1584 ton(s) in any one month.

For the purpose of this condition, material processed shall be defined as FCC fines added to the process.

[RULE 1401, 8-13-1999]

[Devices subject to this condition : D22]

#### **D. Monitoring/Testing Requirements**

D12.1 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the bags.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C202, C335, C336, C337, C360, C408, C412, C557, C568, C577, C581, C594, C598, C599, C630, C637, C639, C640, C641, C642, C643, C698, C699, C700, C701, C766, C769, C779, C780, C781]

D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

Source test shall be conducted when this equipment is operating at normal operating conditions.

The test shall be conducted to determine the solid PM emissions at the outlet.

The test shall be conducted to determine the PM emissions using District method 5.1 measured over a 60 minute averaging time period.

The test shall be conducted at least once every two years.

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

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**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C68]

D322.1 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C24, C31, C66, C68, C87, C99, C109, C112, C113, C115, C118, C120, C152, C158, C202, C249, C256, C264, C265, C295, C334, C335, C336, C337, C343, C358, C360, C365, C408, C412, C557, C568, C577, C581, C594, C598, C599, C630, C637, C639, C640, C641, C642, C643, C698, C699, C700, C701, C712, C713, C717, C718, C766, C769, C779, C780, C781]

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

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**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

D323.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

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**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D17, D18, D19, D20, D22, D23, D26, D27, D28, D29, D30, D55, C67, D72, D73, D74, D75, D76, D77, D78, D79, D80, D81, D82, D83, D84, D85, D88, D89, D90, D91, D92, D93, D94, D95, D96, D97, D98, D100, D101, D102, D103, D104, D105, D106, D107, D108, D110, D111, D134, D147, D148, D149, D159, D160, D161, D162, D163, D164, D178, D179, D219, D221, D222, D223, D224, D225, D226, D227, D228, C238, D239, D240, D241, D242, D243, D246, D247, D248, D250, D251, D252, D253, D254, D257, D258, D259, D261, D262, D263, D289, D290, D292, D293, D294, D305, D306, D307, D308, D309, D310, D311, D312, D313, D314, D315, D316, D317, D318, D319, D320, D321, D322, D323, D324, D325, D326, D327, D328, D329, D330, D331, D332, D333, D338, D339, D340, D341, D342, D383, D387, D388, D389, D390, D395, D396, D397, D398, D399, D400, D401, D402, D403, D404, D405, D537, D538, D539, D540, D541, D542, D543, D544, D545, D546, D547, D548, D556, D560, D561, D562, D563, D564, D565, D566, D567, D572, D573, D574, D575, D576, D578, D579, D580, D595, D596, D597, D600, D601, D602, D603, D604, D605, D606, D607, D608, D609, D610, D611, D612, D613, D614, D615, D616, D617, D618, D619, D620, D621, D623, D624, D625, D626, D627, D628, D629, D650, D651, D652, D653, D654, D655, D656, D657, D658, D659, D660, D661, D662, D663, D686, D687, D688, D689, D690, D691, D692, D693, D694, D695, D696, D697, D705, D706, D707, D709, D710, D711, D715, D716, D719, D720, D723, D724, D748, D749, D752, D753, C754, D755, D756, D757, D758, D772, D773, D774, D775, D778]

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

---

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

D330.1 The operator shall have a person that has been trained in accordance with Rule 461 conduct a semi-annual inspection of the gasoline transfer and dispensing equipment. The first inspection shall be in accordance with Rule 461, Attachment B, the second inspection shall be in accordance with Rule 461, Attachment C, and the subsequent inspections shall alternate protocols. The operator shall keep records of the inspection and the repairs in accordance to Rule 461 and Section K of this Permit.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D648, D649]

D381.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions; and
- 3). Date and time visible emission was abated.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

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**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : C115, C118, C120, C152, C249, C360, C577, C581, C594, C598, C599, C630, C639, C699, C700, C712, C713, C769, C779, C780]

D381.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a quarterly basis, at least, unless the equipment did not operate during the entire quarterly period. The routine quarterly inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions; and
- 3). Date and time visible emission was abated.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C24, C31, C66, C87, C99, C109, C112, C113, C158, C202, C256, C264, C265, C295, C334, C335, C336, C337, C343, C358, C365, C408, C412, C557, C568, C637, C640, C641, C642, C643, C698, C701, C717, C718, C766, C781]

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## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

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### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

D381.3 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a weekly basis, at least, unless the equipment did not operate during the entire weekly period. The routine weekly inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions; and
- 3). Date and time visible emission was abated.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C68]

#### **E. Equipment Operation/Construction Requirements**

E102.1 The operator shall discharge dust collected in this equipment only into closed containers.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C152, C335, C336, C337]

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## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

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### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

E166.1 The operator shall keep all openings from this equipment closed when in use except for inspection and cleaning.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D289, D290]

E201.1 The operator shall remove the materials collected in this equipment to process.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C202, C360, C408, C412, C557, C568, C577, C581, C594, C598, C599, C630, C637, C779, C780]

E201.2 The operator shall remove the materials collected in this equipment to enclosed containers or back to process.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C24, C31, C66, C68, C87, C99, C109, C112, C113, C115, C118, C120, C158, C249, C256, C264, C265, C295, C334, C343, C358, C365, C639, C640, C641, C642, C643, C698, C699, C700, C701, C712, C713, C717, C718, C766, C769, C781]

### H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

ROG | District Rule | 1122

[RULE 1122, 10-1-2004; RULE 1122, 5-1-2009]

[Devices subject to this condition : E632]

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1415
Refrigerants	40CFR82, SUBPART	F

[RULE 1415, 10-14-1994; 40CFR 82 Subpart F, 5-14-1993]

[Devices subject to this condition : E634]

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Halon	District Rule	1418

[RULE 1418, 9-10-1999]

[Devices subject to this condition : E636]

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
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**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

VOC | District Rule | 461

[RULE 461, 6-3-2005; RULE 461, 3-7-2008]

[Devices subject to this condition : D648, D649]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	405

For the purposes of determining compliance with District Rule 405, solid particulate matter emissions shall be based on the combined emissions from all devices subject to this condition

[RULE 405, 2-7-1986]

[Devices subject to this condition : D14, D15, D17, D18, D19, D20, D22, D23, D657, D658, D659, D660, D661, D662, D663, D711, D715, D716, D749, D752, D753]

H23.9 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	405

For the purposes of determining compliance with District Rule 405, solid particulate matter emissions shall be based on the combined emissions from all devices subject to this condition

[RULE 405, 2-7-1986]

**FACILITY PERMIT TO OPERATE  
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**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D178, D179, D556]

H23.10 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	405

For the purposes of determining compliance with District Rule 405, solid particulate matter emissions shall be based on the combined emissions from all devices subject to this condition

[RULE 405, 2-7-1986]

[Devices subject to this condition : D178, D179, D387, D388, D389, D390, D556, D778]

**J. Rule 461**

J109.1 The operator shall use, except for diesel transfer, the phase I vapor recovery system in full operation whenever this equipment is in use. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 461, 6-3-2005; RULE 461, 3-7-2008]

[Devices subject to this condition : D648]

J110.1 The operator shall use, except for diesel transfer, the phase II vapor recovery system in full operation whenever gasoline from this equipment is dispensed to motor vehicles as defined in Rule 461. This system shall be installed, operated and maintained to meet all CARB certification requirements.

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**FACILITY PERMIT TO OPERATE  
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**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 461, 6-3-2005; RULE 461, 3-7-2008]**

**[Devices subject to this condition : D649]**

**J373.1 The operator shall comply with the following gasoline transfer and dispensing requirements:**

- a). At least once every five calendar years, a static pressure leak decay test shall be conducted to demonstrate that the storage tanks, the remote and/or nozzle vapor recovery check valves, associated vapor return piping and fittings are free from vapor leaks. The test shall be conducted in accordance with CARB Test Procedure Method TP-201.3. Results shall be submitted to the AQMD, Engineering and Compliance, within thirty (30) days of the test.

The AQMD shall be notified by e-mail at [R461testing@aqmd.gov](mailto:R461testing@aqmd.gov) or by facsimile at telephone number (909) 396-3606 at least twenty-four hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractors; the location of the facility; and the scheduled start and completion dates of the static pressure leak decay test.

**[RULE 461, 6-3-2005; RULE 461, 3-7-2008]**

**[Devices subject to this condition : D648]**

**J373.2 The operator shall comply with the following gasoline transfer and dispensing requirements:**

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## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

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### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

a). The Phase II vapor recovery systems shall be installed, operated, and maintained such that the maximum allowable pressure through the system including nozzle, vapor hose, swivels, and underground piping does not exceed the dynamic back pressures described by the California Air Resources Board (CARB) Executive Order by which the system was certified:

Nitrogen Flowrates (CFH)    Dynamic Back Pressure (Inches of Water)

20                                    0.15

At least once every five calendar years from the issuance date of this permit, dynamic back pressure tests shall be conducted to determine the Phase II system vapor recovery back pressures. The tests shall be conducted in accordance with CARB Test Procedure Method TP-201.4. Results shall be submitted to the AQMD, Engineering and Compliance, within thirty (30) days of tests.

The AQMD shall be notified by e-mail at [R461testing@aqmd.gov](mailto:R461testing@aqmd.gov) or by facsimile at telephone number (909) 396-3606 at least twenty-four hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractors; the location of the facility; and the scheduled start and completion dates of the dynamic back pressure test.

The test shall be conducted as frequently as that required by the most recent amendment to Rule 461 or CARB Executive Order requirements, whichever is more stringent.

b). If the CARB Executive Order requires the installation of a liquid removal device, a liquid removal rate test shall be conducted to demonstrate the removal of gasoline from the vapor passage of the coaxial hose. The test shall be conducted within thirty days of initial installation and in accordance with CARB test procedure Method TP-201.6. Results shall be submitted to the AQMD, Engineering and Compliance, within thirty (30) days of the test.

The AQMD shall be notified by e-mail at [r461testing@aqmd.gov](mailto:r461testing@aqmd.gov) or by facsimile at telephone number (909) 396-3606 at least twenty-four hours prior to testing. Such notification shall include the name of the owner or operator; the name of the

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**FACILITY PERMIT TO OPERATE  
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**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

contractors; the location of the facility; and the scheduled start and completion dates of the liquid removal rate test.

[RULE 461, 6-3-2005; RULE 461, 3-7-2008]

[Devices subject to this condition : D649]

**K. Record Keeping/Reporting**

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E631]

K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

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**FACILITY PERMIT TO OPERATE  
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**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

the name of the person performing the inspection and/or maintenance of the filter media

the date, time and results of the inspection

the date, time and description of any maintenance or repairs resulting from the inspection

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C24, C31, C66, C68, C87, C99, C109, C112, C113, C115, C118, C120, C152, C158, C202, C249, C256, C264, C265, C295, C334, C335, C336, C337, C343, C358, C360, C365, C408, C412, C557, C568, C577, C581, C594, C598, C599, C630, C637, C639, C640, C641, C642, C643, C698, C699, C700, C701, C712, C713, C717, C718, C766, C769, C779, C780, C781]

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## **FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)**

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### **SECTION E: ADMINISTRATIVE CONDITIONS**

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
  - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
  - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
  - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

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**SECTION E: ADMINISTRATIVE CONDITIONS**

5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least: [204]
  - a. Three years for a facility not subject to Title V; or
  - b. Five years for a facility subject to Title V.
7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
  - a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134, 204]
  - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
  - c. For a large NO<sub>x</sub> source, compliance with a RECLAIM concentration limit shall be measured over a continuous 60 minutes for that source; [2012]
  - d. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]

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## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

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### SECTION E: ADMINISTRATIVE CONDITIONS

- e. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO<sub>2</sub>) and be averaged over 15 consecutive minutes; [407]
  - f. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO<sub>2</sub>) at standard conditions and averaged over 15 consecutive minutes. [409]
  - g. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O<sub>2</sub>) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. All equipment operating under the RECLAIM program shall comply concurrently with all provisions of AQMD Rules and Regulations, except those listed in Table 1 of Rule 2001 for NO<sub>x</sub> RECLAIM sources and Table 2 of Rule 2001 for SO<sub>x</sub> RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NO<sub>x</sub> or SO<sub>x</sub> emissions after the date the facility has demonstrated compliance with all monitoring and reporting requirements of Rules 2011 or 2012, as applicable. Provisions of the listed AQMD rules in Tables 1 or 2 which have initial implementation dates in 1994 shall not apply to a RECLAIM NO<sub>x</sub> or SO<sub>x</sub> source, respectively. [2001]
9. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
- a. Brief description of the equipment tested.

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**FACILITY PERMIT TO OPERATE  
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**SECTION E: ADMINISTRATIVE CONDITIONS**

- b. Brief process description, including maximum and normal operating temperatures, pressures, through-put, etc.
  - c. Operating conditions under which the test will be performed.
  - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
  - e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
  - f. Description of calibration and quality assurance procedures.
  - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (no conflict of interest).
10. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD Rules or equipment-specific conditions. The report shall contain the following information: [204]
- a. The results of the source test.
  - b. Brief description of the equipment tested.
  - c. Operating conditions under which test will be performed.
  - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
  - e. Field and laboratory data forms, strip charts and analyses.

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**FACILITY PERMIT TO OPERATE  
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**SECTION E: ADMINISTRATIVE CONDITIONS**

- f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
11. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]
12. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]

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## **FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)**

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### **SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS**

The Facility shall comply with all applicable monitoring and source testing requirements in Regulation XX. These requirements may include but are not limited to the following:

#### **I. NOx Monitoring Conditions**

A. The Operator of a NOx Major Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

B. The Operator of a NOx large Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

C. The Operator of a NOx Process Unit, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter or any device approved by the Executive Officer to measure quarterly fuel usage or other applicable variables specified in Rule 2012, Table 2012-1, and Rule 2012, Appendix A, Table 4-A. The sharing of totalizing fuel meters may be allowed by the Executive Officer if the fuel meter serves process units which have the same emission factor or emission rate. The sharing of totalizing meter shall not be allowed for process units which are required to comply with an annual heat input limit. [2012]

#### **II. NOx Source Testing and Tune-up conditions**

1. The operator shall conduct all required NOx source testing in compliance with an AQMD-approved source test protocol. [2012]

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**FACILITY PERMIT TO OPERATE  
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**SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS**

2. The operator shall, as applicable, conduct source tests for every large NO<sub>x</sub> source no later than December 31, 1996 and every 3 years thereafter. The source test shall include the determination of NO<sub>x</sub> concentration and a relative accuracy audit of the exhaust stack flow determination (e.g. in-stack flow monitor or fuel flow monitor based F-factor calculation). Such source test results shall be submitted per the schedule described by APEP. In lieu of submitting the first source test report, the facility permit holder may submit the results of a source test not more than 3 years old which meets the requirements when conducted. [2012]
3. All NO<sub>x</sub> large sources and NO<sub>x</sub> process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]

**III. SO<sub>x</sub> monitoring conditions**

D. The Operator of a SO<sub>x</sub> Major Source, as defined in Rule 2011, shall, as applicable:

Not Applicable

E. The Operator of a SO<sub>x</sub> Process Unit, as defined in Rule 2011, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter or any device approved by the Executive Officer to measure quarterly fuel usage or other applicable variables specified in Rule 2011, Table 2011-1, and Rule 2011, Appendix A, Table 3-A. The sharing of totalizing meters shall be allowed for process units except those using fuels with different sulfur contents. [2011]

**IV. SO<sub>x</sub> Source Testing Conditions**

1. The operator shall conduct all required SO<sub>x</sub> source testing in compliance with an AQMD-approved source test protocol. [2011]

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## **FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)**

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### **SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES**

The Facility shall comply with all applicable reporting and recordkeeping requirements in Regulation XX. These requirements may include but are not limited to the following:

#### **I. Recordkeeping Requirements for all RECLAIM Sources**

1. The operator shall maintain all monitoring data required to be measured or reported pursuant to Rule 2011 and Rule 2012, whichever is applicable. All records shall be made available to AQMD staff upon request and be maintained for at least:
  - a. Three years after each APEP report is submitted to AQMD for a facility not subject to Title V, unless a different time period is required in Rule 2011 or Rule 2012 [2011 & 2012]; or
  - b. Five years after each APEP report is submitted to AQMD for a facility subject to Title V. [3004(a)(4)(E)]
  - c. Notwithstanding the above, all data gathered or computed for intervals of less than 15 minutes shall only be maintained a minimum of 48 hours. [2011 & 2012]
2. The operator shall store on site and make available to the Executive Officer upon request: records used to determine emissions, maintenance records, sources test reports, relative accuracy test audit reports, relative accuracy audit reports and fuel meter calibration records. [2011 & 2012]

#### **II. Reporting Requirements for all RECLAIM Sources**

1. The operator shall submit a quarterly certification of emissions including the total facility NOx or SOx emissions, whichever is applicable, for the quarter within 30 days after the end of the first three quarters and 60 days after the end of the fourth quarter of a compliance year. [2004]

#### **NOx Reporting Requirements**

A. The Operator of a NOx Major Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

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**FACILITY PERMIT TO OPERATE  
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**SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR  
RECLAIM SOURCES**

B. The Operator of a NOx Large Source, as defined in Rule 2012, shall:

Not Applicable

C. The Operator of a NOx Process Unit, as defined in Rule 2012, shall:

1. Electronically report the calculated quarterly NOx emissions for each NOx process unit. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. [2012]

**SOx Reporting Requirements**

D. The Operator of a SOx Major Source, as defined in Rule 2011, shall, as applicable:

Not Applicable

E. The Operator of a SOx Process Unit, as defined in Rule 2011, shall:

1. Electronically report the calculated quarterly SOx emissions for each SOx process unit. [2011]

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**FACILITY PERMIT TO OPERATE  
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**SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE**

NONE

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## FACILITY PERMIT TO OPERATE RIVERSIDE CEMENT CO (EIS USE)

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### SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules specified below. The operator shall comply with all conditions specified in the approval of these plans, with the following exceptions:

- a. The operator does not have to comply with NO<sub>x</sub> or SO<sub>x</sub> emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) which become effective after December 31, 1993.
- b. The operator does not have to comply with NO<sub>x</sub> or SO<sub>x</sub> emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) after the facility has received final certification of all monitoring and reporting requirements specified in Section F and Section G.

Documents pertaining to the plan applications listed below are available for public review at AQMD Headquarters. Any changes to plan applications will require permit modification in accordance with Title V permit revision procedures.

List of approved plans:

Application	Rule
276664	1146.1
276669	1110.2
279436	403
286940	1146

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.

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**FACILITY PERMIT TO OPERATE  
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**SECTION J: AIR TOXICS**

**NOT APPLICABLE**

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**FACILITY PERMIT TO OPERATE  
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**SECTION K: TITLE V Administration**

**GENERAL PROVISIONS**

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]
2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

**Permit Renewal and Expiration**

3. (A) Except for solid waste incineration facilities subject to standards under section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]  
  
(B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

**Duty to Provide Information**

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

**Payment of Fees**

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]

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**FACILITY PERMIT TO OPERATE  
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**SECTION K: TITLE V Administration**

**Reopening for Cause**

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:
- (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.
  - (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
  - (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

**COMPLIANCE PROVISIONS**

8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:
- (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or
  - (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]

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**SECTION K: TITLE V Administration**

9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:
- (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
  - (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
  - (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
  - (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]
10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]
11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]
12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]
13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]

**FACILITY PERMIT TO OPERATE  
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**SECTION K: TITLE V Administration**

14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]
15. Nothing in this permit or in any permit shield can alter or affect:
- (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
  - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
  - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
  - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
  - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
  - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]
16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]

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**FACILITY PERMIT TO OPERATE  
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**SECTION K: TITLE V Administration  
EMERGENCY PROVISIONS**

17. An emergency<sup>1</sup> constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limit only if:
- (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:
- (1) An emergency occurred and the operator can identify the cause(s) of the emergency;
  - (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;
  - (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,
  - (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
- (B) The operator complies with the breakdown provisions of Rule 430 – Breakdown Provisions, or subdivision (i) of Rule 2004 – Requirements, whichever is applicable. [3002(g), 430, 2004(i)]
18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

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<sup>1</sup> "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

**FACILITY PERMIT TO OPERATE  
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**SECTION K: TITLE V Administration**

**RECORDKEEPING PROVISIONS**

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:
- (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
  - (B) The date(s) analyses were performed;
  - (C) The company or entity that performed the analyses;
  - (D) The analytical techniques or methods used;
  - (E) The results of such analyses; and
  - (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]
20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]
21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

**REPORTING PROVISIONS**

22. The operator shall comply with the following requirements for prompt reporting of deviations:
- (A) Breakdowns shall be reported as required by Rule 430 – Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.

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**FACILITY PERMIT TO OPERATE  
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**SECTION K: TITLE V Administration**

- (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.
  - (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
  - (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;

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**FACILITY PERMIT TO OPERATE  
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**SECTION K: TITLE V Administration**

- (B) The compliance status during the reporting period;
- (C) Whether compliance was continuous or intermittent;
- (D) The method(s) used to determine compliance over the reporting period and currently, and
- (E) Any other facts specifically required by the Executive Officer to determine compliance.

The EPA copy of the certification shall be sent to: Director of the Air Division Attn:  
Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)].

25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

**PERIODIC MONITORING**

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the TitleV application file. [3004(a)(4)]

**FACILITY PERMIT TO OPERATE  
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**SECTION K: TITLE V Administration**

*FACILITY RULES*

*This facility is subject to the following rules and regulations*

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 1107	1-6-2006	Non federally enforceable
RULE 1107	11-9-2001	Federally enforceable
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	7-13-2007	Non federally enforceable
RULE 1122	10-1-2004	Federally enforceable
RULE 1122	5-1-2009	Non federally enforceable
RULE 1156	11-4-2005	Federally enforceable
RULE 1156	3-6-2009	Non federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 118	12-7-1995	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1304(c)-Offset Exemption	6-14-1996	Federally enforceable
RULE 1401	8-13-1999	Non federally enforceable
RULE 1414	5-3-1991	Non federally enforceable
RULE 1415	10-14-1994	Non federally enforceable
RULE 1418	9-10-1999	Non federally enforceable
RULE 2011	5-6-2005	Federally enforceable

**FACILITY PERMIT TO OPERATE  
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**SECTION K: TITLE V Administration**

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 2012	5-6-2005	Federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 219	9-4-1981	Federally enforceable
RULE 3002	11-14-1997	Federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 304	1-14-1982	Non federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 405	2-7-1986	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
RULE 461	3-7-2008	Non federally enforceable
RULE 461	6-3-2005	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 60 Subpart F	5-3-1989	Federally enforceable
40CFR 82 Subpart F	5-14-1993	Federally enforceable

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**FACILITY PERMIT TO OPERATE  
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**APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN  
PERMIT PURSUANT TO RULE 219**

1. SPACE HEATERS, NATURAL GAS
2. I.C. ENGINES
3. BOILER, NATURAL GAS

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1107 01-06-2006]**

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

VOC LIMITS Less Water and Less Exempt Compounds Effective Dates								
Coating	Air-Dried				Baked			
	gm/l		lb/gal		gm/l		lb/gal	
	Current	7/1/07	Current	7/1/07	Current	7/1/07	Current	7/1/07
General One-Component	275	275	2.3	2.3	275	275	2.3	2.3
General Multi-Component	340	340	2.8	2.8	275	275	2.3	2.3
Military Specification	340	340	2.8	2.8	275	275	2.3	2.3
Etching Filler	420	420	3.5	3.5	420	420	3.5	3.5
Solar-Absorbent	420	420	3.5	3.5	360	360	3.0	3.0
Heat-Resistant	420	420	3.5	3.5	360	360	3.0	3.0
Extreme High-Gloss	420	340	3.5	2.8	360	360	3.0	3.0
Metallic	420	420	3.5	3.5	420	420	3.5	3.5

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1107 01-06-2006]**

VOC LIMITS								
Less Water and Less Exempt Compounds								
Effective Dates, cont.								
Coating	Air-Dried				Baked			
	gm/l		lb/gal		gm/l		lb/gal	
	Current	7/1/07	Current	7/1/07	Current	7/1/07	Current	7/1/07
Extreme Performance	420	420	3.5	3.5	360	360	3.0	3.0
Prefabricated Architectural One-Component	420	275	3.5	2.3	275	275	2.3	2.3
Prefabricated Architectural Multi-Component	420	340	3.5	2.8	275	275	2.3	2.3
Touch Up	420	420	3.5	3.5	360	360	3.0	3.0
Repair	420	420	3.5	3.5	360	360	3.0	3.0
Silicone Release	420	420	3.5	3.5	420	420	3.5	3.5
High-Performance Architectural	420	420	3.5	3.5	420	420	3.5	3.5
Camouflage	420	420	3.5	3.5	420	420	3.5	3.5
Vacuum-Metalizing	420	420	3.5	3.5	420	420	3.5	3.5
Mold-Seal	420	420	3.5	3.5	420	420	3.5	3.5
High-Temperature	420	420	3.5	3.5	420	420	3.5	3.5
Electric-Insulating Varnish	420	420	3.5	3.5	420	420	3.5	3.5
Pan Backing	420	420	3.5	3.5	420	420	3.5	3.5
Pretreatment Coatings	420	420	3.5	3.5	420	420	3.5	3.5

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

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**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1107 01-06-2006]**

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- (2) A person shall not use VOC-containing materials which have a VOC content of more than 200 grams per liter of material for stripping any coating governed by this rule.

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1107 11-09-2001]**

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

VOC LIMITS Less Water and Less Exempt Compounds Effective Dates								
Coating	Air-Dried				Baked			
	gm/l		lb/gal		gm/l		lb/gal	
	Current	7/1/07	Current	7/1/07	Current	7/1/07	Current	7/1/07
General One-Component	275	275	2.3	2.3	275	275	2.3	2.3
General Multi-Component	340	340	2.8	2.8	275	275	2.3	2.3
Military Specification	340	340	2.8	2.8	275	275	2.3	2.3
Etching Filler	420	420	3.5	3.5	420	420	3.5	3.5
Solar-Absorbent	420	420	3.5	3.5	360	360	3.0	3.0
Heat-Resistant	420	420	3.5	3.5	360	360	3.0	3.0
Extreme High-Gloss	420	340	3.5	2.8	360	360	3.0	3.0
Metallic	420	420	3.5	3.5	420	420	3.5	3.5

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1107 11-09-2001]**

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

VOC LIMITS Less Water and Less Exempt Compounds Effective Dates								
Coating	Air-Dried				Baked			
	gm/l		lb/gal		gm/l		lb/gal	
	Current	7/1/07	Current	7/1/07	Current	7/1/07	Current	7/1/07
General One-Component	275	275	2.3	2.3	275	275	2.3	2.3
General Multi-Component	340	340	2.8	2.8	275	275	2.3	2.3
Military Specification	340	340	2.8	2.8	275	275	2.3	2.3
Etching Filler	420	420	3.5	3.5	420	420	3.5	3.5
Solar-Absorbent	420	420	3.5	3.5	360	360	3.0	3.0
Heat-Resistant	420	420	3.5	3.5	360	360	3.0	3.0
Extreme High-Gloss	420	340	3.5	2.8	360	360	3.0	3.0
Metallic	420	420	3.5	3.5	420	420	3.5	3.5

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1107 11-09-2001]**

<b>VOC LIMITS</b>								
<b>Less Water and Less Exempt Compounds</b>								
<b>Effective Dates, cont.</b>								
<b>Coating</b>	<b>Air-Dried</b>				<b>Baked</b>			
	<b>gm/l</b>		<b>lb/gal</b>		<b>gm/l</b>		<b>lb/gal</b>	
	<b>Current</b>	<b>7/1/07</b>	<b>Current</b>	<b>7/1/07</b>	<b>Current</b>	<b>7/1/07</b>	<b>Current</b>	<b>7/1/07</b>
Extreme Performance	420	420	3.5	3.5	360	360	3.0	3.0
Prefabricated Architectural One-Component	420	275	3.5	2.3	275	275	2.3	2.3
Prefabricated Architectural Multi-Component	420	340	3.5	2.8	275	275	2.3	2.3
Touch Up	420	420	3.5	3.5	360	360	3.0	3.0
Repair	420	420	3.5	3.5	360	360	3.0	3.0
Silicone Release	420	420	3.5	3.5	420	420	3.5	3.5
High-Performance Architectural	420	420	3.5	3.5	420	420	3.5	3.5
Camouflage	420	420	3.5	3.5	420	420	3.5	3.5
Vacuum-Metalizing	420	420	3.5	3.5	420	420	3.5	3.5
Mold-Seal	420	420	3.5	3.5	420	420	3.5	3.5
High-Temperature	420	420	3.5	3.5	420	420	3.5	3.5
Electric-Insulating Varnish	420	420	3.5	3.5	420	420	3.5	3.5
Pan Backing	420	420	3.5	3.5	420	420	3.5	3.5
Pretreatment Coatings	420	420	3.5	3.5	420	420	3.5	3.5

- (2) A person shall not use VOC-containing materials which have a VOC content of more than 200 grams per liter of material for stripping any coating governed by this rule.

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1113 11-08-1996]**

- (1) Except as provided in paragraphs (c)(2), (c)(3), and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, or solicit the application of, any architectural coating which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, or manufacture, blend, or repackage such a coating for use within the District.
- (2) Except as provided in paragraphs (c)(3) and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, solicit the application of, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified.

**TABLE OF STANDARDS**

**VOC LIMITS**

**Grams of VOC Per Liter of Coating,  
 Less Water And Less Exempt Compounds**

COATING	Limit*	Effective Date of Adoption	Effective 1/1/1998	Effective 1/1/1999	Effective 7/1/2001	Effective 1/1/2005	Effective 7/1/2008
Bond Breakers	350						
Clear Wood Finishes							
Varnish	350						
Sanding Sealers	350						
Lacquer	680		550			275	
Concrete-Curing Compounds	350						
Dry-Fog Coatings	400						
Fire-proofing Exterior Coatings	350	450		350			
Fire-Retardant Coatings							
Clear	650						
Pigmented	350						
Flats	250						
Graphic Arts (Sign) Coatings	500				100		50

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1113 11-08-1996]**

Industrial Maintenance						
Primers and Topcoats						
Alkyds	420					
Catalyzed Epoxy	420					
Bituminous Coatings	420					
Materials						
Inorganic Polymers	420					
Vinyl Chloride Polymers	420					
Chlorinated Rubber	420					
Acrylic Polymers	420					
Urethane Polymers	420					
Silicones	420					
Unique Vehicles	420					
Japans/Faux Finishing	350	700		350		
Coatings						
Magnesite Cement Coatings	600			450		
Mastic Coatings	300					
Metallic Pigmented Coatings	500					
Multi-Color Coatings	420		250			
Pigmented Lacquer	680		550		275	
Pre-Treatment Wash Primers	780					
Primers, Sealers, and	350					
Undercoaters						
Quick-Dry Enamels	400					
Roof Coatings	300					
Shellac						
Clear	730					
Pigmented	550					
Stains	350					
Swimming Pool Coatings						
Repair	650					
Other	340					
Traffic Coatings	250		150			
Waterproofing Sealers	400					
Wood Preservatives						
Below-Ground	350					
Other	350					

\* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

**TABLE OF STANDARDS (cont.)**

**VOC LIMITS**

**Grams of VOC Per Liter of Material**

COATING	Limit
Low-Solids Coating	120

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

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**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1113 07-13-2007]**

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
  
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings, except anti-graffiti coatings, for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1113 07-13-2007]  
 TABLE OF STANDARDS  
 VOC LIMITS**

**Grams of VOC Per Liter of Coating,  
 Less Water and Less Exempt Compounds**

COATING CATEGORY	Ceiling Limit	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Bond Breakers	350							
Clear Wood Finishes	350					275		
Varnish	350					275		
Sanding Sealers	350					275		
Lacquer	680	550			275			
Clear Brushing Lacquer	680				275			
Concrete-Curing Compounds	350						100	
Concrete-Curing Compounds For Roadways and Bridges**	350							
Dry-Fog Coatings	400						150	
Fire-Proofing Exterior Coatings	450	350						
Fire-Retardant Coatings***								
Clear	650							
Pigmented	350							
Flats	250	100						50
Floor Coatings	420		100			50		
Graphic Arts (Sign) Coatings	500							
Industrial Maintenance (IM) Coatings	420			250		100		
High Temperature IM Coatings			420					
Zinc-Rich IM Primers	420		340			100		
Japans/Faux Finishing Coatings	700	350						
Magnesite Cement Coatings	600	450						
Mastic Coatings	300							
Metallic Pigmented Coatings	500							
Multi-Color Coatings	420	250						
Nonflat Coatings	250		150			50		

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1113 07-13-2007]**

COATING CATEGORY	Ceiling Limit	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Nonflat High Gloss	250		150				50	
Pigmented Lacquer	680	550			275			
Pre-Treatment Wash Primers	780		420					
Primers, Sealers, and Undercoaters	350		200			100		
Quick-Dry Enamels	400		250			150	50	
Quick-Dry Primers, Sealers, and Undercoaters	350		200			100		
Recycled Coatings			250					
Roof Coatings	300		250		50			
Roof Coatings, Aluminum	500				100			
Roof Primers, Bituminous	350		350					
Rust Preventative Coatings	420		400			100		
Shellac								
Clear	730							
Pigmented	550							
Specialty Primers	350					250	100	
Stains	350		250				100	
Stains, Interior	250							
Swimming Pool Coatings								
Repair	650		340					
Other	340							
Traffic Coatings	250	150					100	
Waterproofing Sealers	400		250			100		
Waterproofing Concrete/Masonry Sealers	400					100		
Wood Preservatives								
Below-Ground	350							
Other	350							

\* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.

\*\* Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

\*\*\* The Fire-Retardant Coating category will be eliminated on January 1, 2007 and subsumed by the coating category for which they are formulated.

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**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

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**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1113 07-13-2007]**

**TABLE OF STANDARDS (cont.)  
VOC LIMITS**

**Grams of VOC Per Liter of Material**

<b>COATING</b>	<b>Limit</b>
<b>Low-Solids Coating</b>	<b>120</b>

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1171 11-07-2003]**

**(1) Solvent Requirements**

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
<b>(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application</b>	
<b>(i) General</b>	25 (0.21)
<b>(ii) Electrical Apparatus Components &amp; Electronic Components</b>	500 (4.2)
<b>(iii) Medical Devices &amp; Pharmaceuticals</b>	800 (6.7)
<b>(B) Repair and Maintenance Cleaning</b>	
<b>(i) General</b>	25 (0.21)
<b>(ii) Electrical Apparatus Components &amp; Electronic Components</b>	900 (7.5)

**FACILITY PERMIT TO OPERATE  
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**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1171 11-07-2003]**

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/ (lb/gal)
(iii) Medical Devices & Pharmaceuticals	
(A) Tools, Equipment, & Machinery	800 (6.7)
(B) General Work Surfaces	600 (5.0)
(C) Cleaning of Coatings or Adhesives Application Equipment	550 (4.6)
(D) Cleaning of Ink Application Equipment	
(i) General	25 (0.21)
(ii) Flexographic Printing	25 (0.21)
(iii) Gravure Printing	
(A) Publication	750 (6.3)
(B) Packaging	25 (0.21)
(iv) Lithographic or Letter Press Printing	

**FACILITY PERMIT TO OPERATE  
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**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1171 11-07-2003]**

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(A) Roller Wash – Step 1	600 (5.0)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)
(C) Removable Press Components	25 (0.21)
(v) Screen Printing	750 (6.3)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)
(vii) Specialty Flexographic Printing	600 (5.0)
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1171 05-01-2009]**

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	<b>CURRENT LIMITS*</b>	<b>EFFECTIVE 1/1/2010</b>
<b>SOLVENT CLEANING ACTIVITY</b>	<b>VOC g/l (lb/gal)</b>	<b>VOC g/l (lb/gal)</b>
<b>(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application</b>		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	
(iii) Medical Devices & Pharmaceuticals	800 (6.7)	
<b>(B) Repair and Maintenance Cleaning</b>		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1171 05-01-2009]**

	<b>CURRENT LIMITS*</b>	<b>EFFECTIVE 1/1/2010</b>
<b>SOLVENT CLEANING ACTIVITY (cont.)</b>	<b>VOC g/l (lb/gal)</b>	<b>VOC g/l (lb/gal)</b>
(iii) Medical Devices & Pharmaceuticals		
(A) Tools, Equipment, & Machinery	800 (6.7)	
(B) General Work Surfaces	600 (5.0)	
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)	
(D) Cleaning of Ink Application Equipment		
(i) General	25 (0.21)	
(ii) Flexographic Printing	25 (0.21)	
(iii) Gravure Printing		
(A) Publication	100 (0.83)	
(B) Packaging	25 (0.21)	
(iv) Lithographic (Offset) or Letter Press Printing		
(A) Roller Wash, Blanket Wash, & On-Press Components	100 (0.83)	

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1171 05-01-2009]**

	<b>CURRENT LIMITS*</b>	<b>EFFECTIVE 1/1/2010</b>
<b>SOLVENT CLEANING ACTIVITY (cont.)</b>	<b>VOC g/l (lb/gal)</b>	<b>VOC g/l (lb/gal)</b>
(B) Removable Press Components	25 (0.21)	
(v) Screen Printing	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)	
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)	

\* The specified limits remain in effect unless revised limits are listed in subsequent columns.

**FACILITY PERMIT TO OPERATE  
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**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 404 02-07-1986]**

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a). Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

**TABLE 404(a)**

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
25 or less	883 or less	450	0.196	900	31780	118	0.0515
30	1059	420	.183	1000	35310	113	.0493
35	1236	397	.173	1100	38850	109	.0476
40	1413	377	.165	1200	42380	106	.0463
45	1589	361	.158	1300	45910	102	.0445

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 404 02-07-1986]**

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
50	1766	347	.152	1400	49440	100	.0437
60	2119	324	.141	1500	52970	97	.0424
70	2472	306	.134	1750	61800	92	.0402
80	2825	291	.127	2000	70630	87	.0380
90	3178	279	.122	2250	79460	83	.0362
100	3531	267	.117	2500	88290	80	.0349
125	4414	246	.107	3000	105900	75	.0327
150	5297	230	.100	4000	141300	67	.0293
175	6180	217	.0947	5000	176600	62	.0271
200	7063	206	.0900	6000	211900	58	.0253
250	8829	190	.0830	8000	282500	52	.0227
300	10590	177	.0773	10000	353100	48	.0210
350	12360	167	.0730	15000	529700	41	.0179
400	14130	159	.0694	20000	706300	37	.0162
450	15890	152	.0664	25000	882900	34	.0148

**FACILITY PERMIT TO OPERATE  
 RIVERSIDE CEMENT CO (EIS USE)**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 404 02-07-1986]**

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
500	17660	146	.0637	30000	1059000	32	.0140
600	21190	137	.0598	40000	1413000	28	.0122
700	24720	129	.0563	50000	1766000	26	.0114
800	28250	123	.0537	70000 or more	2472000 or more	23	.0100

**FACILITY PERMIT TO OPERATE  
RIVERSIDE CEMENT CO (EIS USE)**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 405 02-07-1986]**

The operator shall not discharge into the atmosphere from this equipment, solid particulate matter including lead and lead compounds in excess of the rate shown in Table 405(a).

Where the process weight per hour is between figures listed in the table, the exact weight of permitted discharge shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

**TABLE 405(a)**

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process)		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process)	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
100 or less	220 or less	0.450	0.99	9000	19840	5.308	11.7
150	331	0.585	1.29	10000	22050	5.440	12.0
200	441	0.703	1.55	12500	27560	5.732	12.6
250	551	0.804	1.77	15000	33070	5.982	13.2
300	661	0.897	1.98	17500	38580	6.202	13.7
350	772	0.983	2.17	20000	44090	6.399	14.1
400	882	1.063	2.34	25000	55120	6.743	14.9
450	992	1.138	2.51	30000	66140	7.037	15.5
500	1102	1.209	2.67	35000	77160	7.296	16.1
600	1323	1.340	2.95	40000	88180	7.527	16.6



**FACILITY PERMIT TO OPERATE  
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**APPENDIX B: RULE EMISSION LIMITS  
[RULE 405 02-07-1986]**

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
700	1543	1.461	3.22	45000	99210	7.738	17.1
800	1764	1.573	3.47	50000	110200	7.931	17.5
900	1984	1.678	3.70	60000	132300	8.277	18.2
1000	2205	1.777	3.92	70000	154300	8.582	18.9
1250	2756	2.003	4.42	80000	176400	8.854	19.5
1500	3307	2.206	4.86	90000	198400	9.102	20.1
1750	3858	2.392	5.27	100000	220500	9.329	20.6
2000	4409	2.563	5.65	125000	275600	9.830	21.7
2250	4960	2.723	6.00	150000	330700	10.26	22.6
2500	5512	2.874	6.34	175000	385800	10.64	23.5
2750	6063	3.016	6.65	200000	440900	10.97	24.2
3000	6614	3.151	6.95	225000	496000	11.28	24.9
3250	7165	3.280	7.23	250000	551200	11.56	25.5
3600	7716	3.404	7.50	275000	606300	11.82	26.1
4000	8818	3.637	8.02	300000	661400	12.07	26.6
4500	9921	3.855	8.50	325000	716500	12.30	27.1
5000	11020	4.059	8.95	350000	771600	12.51	27.6
6000	13230	4.434	9.78	400000	881800	12.91	28.5
7000	15430	4.775	10.5	450000	992100	13.27	29.3
8000	17640	5.089	11.2	500000 or more	1102000 or more	13.60	30.0