



South Coast Air Quality Management District

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

October 27, 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. 510488 for Pacific Clay Products, Inc. (ID 017953) located at 14741 Lake Street, Lake Elsinore, CA 92530. 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 large, faint, stylized signature watermark.

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

Enclosure



FACILITY PERMIT TO OPERATE

**PACIFIC CLAY PRODUCTS INC
14741- 14641 LAKE ST
LAKE ELSINORE, CA 92530**

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

By 

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



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

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**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: PACIFIC CLAY PRODUCTS INC

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 14741- 14641 LAKE ST
LAKE ELSINORE, CA 92530-1610

MAILING ADDRESS: 14741 LAKE ST
LAKE ELSINORE, CA 92530-1609

RESPONSIBLE OFFICIAL: ED CONSTANTE

TITLE: MATERIAL CONTROL/COMPLIANCE
MANAGER

TELEPHONE NUMBER: (951) 674-2131

CONTACT PERSON: ED CONSTANTE

TITLE: MATERIAL CONTROL/COMPLIANCE
MANAGER

TELEPHONE NUMBER: (951) 674-2131

TITLE V PERMIT ISSUED: October 27, 2011

TITLE V PERMIT EXPIRATION DATE: October 26, 2016

TITLE V		RECLAIM	
YES		NOx:	YES
		SOx:	NO
		CYCLE:	1
		ZONE:	INLAND



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

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 ¹ Holding as of 01/01/2011 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
7/2008 6/2009	Inland	0	46118	1653
1/2009 12/2009	Inland	48764	33636	2633
7/2009 6/2010	Inland	0	44369	3305
1/2010 12/2010	Inland	48764	28939	3950
7/2010 6/2011	Inland	0	17177	4958
1/2011 12/2011	Inland	48764	37792	5267
7/2011 6/2012	Inland	0	47433	6610
1/2012 12/2012	Inland	48764	37792	5267
7/2012 6/2013	Inland	0	47433	6610
1/2013 12/2013	Inland	48764	37792	5267
7/2013 6/2014	Inland	0	47433	6610
1/2014 12/2014	Inland	48764	37792	5267
7/2014 6/2015	Inland	0	47433	6610
1/2015 12/2015	Inland	48764	37792	5267
7/2015 6/2016	Inland	0	47433	6610
1/2016 12/2016	Inland	48764	37792	5267
7/2016 6/2017	Inland	0	47433	6610

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
PACIFIC CLAY PRODUCTS INC**

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 ¹ Holding as of 01/01/2011 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
1/2017 12/2017	Inland	48764	37792	5267
7/2017 6/2018	Inland	0	47433	6610
1/2018 12/2018	Inland	48764	37792	5267
7/2018 6/2019	Inland	0	47433	6610
1/2019 12/2019	Inland	48764	37792	5267
7/2019 6/2020	Inland	0	47433	6610
1/2020 12/2020	Inland	48764	37792	5267
7/2020 6/2021	Inland	0	47433	6610
1/2021 12/2021	Inland	48764	37792	5267
7/2021 6/2022	Inland	0	47433	6610
1/2022 12/2022	Inland	48764	37792	5267
7/2022 6/2023	Inland	0	47433	6610
1/2023 12/2023	Inland	48764	37792	5267
7/2023 6/2024	Inland	0	47433	6610
1/2024 12/2024	Inland	48764	37792	5267
7/2024 6/2025	Inland	0	47433	6610
1/2025 12/2025	Inland	48764	37792	5267

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
PACIFIC CLAY PRODUCTS INC**

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 ¹ Holding as of 01/01/2011 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
7/2025 6/2026	Inland	0	47433	6610
1/2026 12/2026	Inland	48764	37792	5267

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
PACIFIC CLAY PRODUCTS INC**

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	84348	0



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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
Process 1: Clay Brick Manufacturing					
System 1: CLAY HANDLING					S1.2, S20.1
HOPPER, CLAY A/N: 443600	D1	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 443600	D2	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
GRINDER A/N: 443600	D5	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 443600	D3	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
SCREEN, CLASSIFYING, CLASSIFYING A/N: 443600	D8	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
SCREEN, CLASSIFYING, CLASSIFYING A/N: 443600	D9	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
SCREEN, CLASSIFYING, CLASSIFYING A/N: 443600	D10	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
SCREEN, CLASSIFYING, CLASSIFYING A/N: 443600	D11	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 443600	D117	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 443600	D118	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
SCREEN, CLASSIFYING, CLASSIFYING A/N: 443600	D119	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
SCREEN, CLASSIFYING, CLASSIFYING A/N: 443600	D120	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2

- | | |
|--|---|
| * (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 PACIFIC CLAY PRODUCTS INC

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
Process 1: Clay Brick Manufacturing					
SCREEN, CLASSIFYING, CLASSIFYING A/N: 443600	D121	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
SCREEN, CLASSIFYING, CLASSIFYING A/N: 443600	D122	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 443600	D123	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 443600	D124	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 443600	D125	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 443600	D7	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 443600	D4	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
HAMMERMILL A/N: 443600	D17	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 443600	D18	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 443600	D12	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
BUCKET ELEVATOR A/N: 443600	D14	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 443600	D13	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 443600	D15	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
BIN, NO. 1, 125 TONS A/N: 443600	D19	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
BIN, NO. 2, 125 TONS A/N: 443600	D20	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2

- | | |
|--|---|
| * (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 PACIFIC CLAY PRODUCTS INC

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
Process 1: Clay Brick Manufacturing					
BIN, NO. 3, 125 TONS A/N: 443600	D21	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
BIN, NO. 4, 125 TONS A/N: 443600	D22	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
BIN, NO. 5, 125 TONS A/N: 443600	D23	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
BIN, NO. 6, 125 TONS A/N: 443600	D79	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
BIN, NO. 7, 125 TONS A/N: 443600	D80	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
System 2: Brick Crushing					S20.1
HOPPER, RECEIVING A/N: 02444R	D24			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 02444R	D25			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CRUSHER, JAW A/N: 02444R	D26			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, STACKING A/N: 02444R	D27			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
System 3: Waste Clay Loading					S20.1
BULK MATERIAL LOAD/UNLOAD STATION, CLAY A/N: 02954E	D28			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 02954E	D29			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT, WASTE CLAY HANDLING A/N: 02954E	D30	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT, WASTE CLAY HANDLING A/N: 02954E	D31	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2

- * (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 PACIFIC CLAY PRODUCTS INC

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
Process 1 - Clay Brick Manufacturing					
System 4 - Brick Forming No. 1					S20.1
CONVEYOR, BELT A/N: 01834E	D16	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 01834E	D133	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 01834E	D134	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
HOPPER, SURGE A/N: 01834E	D32	C143		PM: (9) [RULE 405, 2-7-1986]	D323.2
MILL, PUG A/N: 01834E	D135	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
EXTRUDER, NO. 1 A/N: 01834E	D42	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 01834E	D33	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 01834E	D34	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 01834E	D35	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 01834E	D36	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 01834E	D37	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 01834E	D38	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 01834E	D39	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 01834E	D40	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 01834E	D41	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2

* (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 PACIFIC CLAY PRODUCTS INC

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
Process 1: Clay Brick Manufacturing					
System 5: Brick Forming No. 2					S20.1
CONVEYOR, BELT A/N: 01835E	D136	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 01835E	D137	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
HOPPER, SURGE A/N: 01835E	D43	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
MILL, PUG A/N: 01835E	D138	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
EXTRUDER, NO. 2, MODEL 40F A/N: 01835E	D49	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 01835E	D44	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 01835E	D45	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 01835E	D46	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 01835E	D47	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 01835E	D48	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
System 6: Brick Forming No. 3					S20.1
CONVEYOR, BELT A/N: 364241	D51	C139		PM: (9) [RULE 405, 2-7-1986]	D323.2
CONVEYOR, BELT A/N: 364241	D56	C139		PM: (9) [RULE 405, 2-7-1986]	D323.2
HOPPER, SURGE A/N: 364241	D50	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT, REVERSIBLE A/N: 364241	D57	C139		PM: (9) [RULE 405, 2-7-1986]	D323.2

- * (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 PACIFIC CLAY PRODUCTS INC

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
Process 1: Clay Brick Manufacturing					
MILL, PUG A/N: 364241	D59	C139		PM: (9) [RULE 405, 2-7-1986]	D323.2
EXTRUDER, NO. 3, MODEL 50F A/N: 364241	D58	C139		PM: (9) [RULE 405, 2-7-1986]	D323.2
CONVEYOR, BELT A/N: 364241	D52	C139		PM: (9) [RULE 405, 2-7-1986]	D323.2
CONVEYOR, BELT A/N: 364241	D53	C139		PM: (9) [RULE 405, 2-7-1986]	D323.2
CONVEYOR, BELT A/N: 364241	D54	C139		PM: (9) [RULE 405, 2-7-1986]	D323.2
CONVEYOR, BELT A/N: 364241	D126	C139		PM: (9) [RULE 405, 2-7-1986]	D323.2
MILL, PUG A/N: 364241	D127	C139		PM: (9) [RULE 405, 2-7-1986]	D323.2
CONVEYOR, BELT A/N: 364241	D55	C139		PM: (9) [RULE 405, 2-7-1986]	D323.2
System 7: Brick Dryers and Kilns					
DRYER, NATURAL GAS, 6 MMBTU/HR A/N: 373765	D140		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D323.1
KILN, NO. 3, NATURAL GAS, PROPANE, TUNNEL, 33 MMBTU/HR A/N: 378921	D62		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 96 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 190.827 PPMV PROPANE (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	B75.1, C1.2, C1.4, 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 PACIFIC CLAY PRODUCTS INC

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
Process 1: Clay Brick Manufacturing					
KILN, ENVELOPE, NATURAL GAS, PROPANE, 14.51 MMBTU/HR A/N: 378920	D75		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 54 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 190.827 PPMV PROPANE (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	B75.1, C1.2, C1.5, D323.1
KILN, NO. 4, NATURAL GAS, TUNNEL, WITH LOW NOX BURNER, 39 MMBTU/HR WITH A/N: 378916 BURNER, NATURAL GAS, NORTH AMERICAN, MODEL 4442-4, WITH LOW NOX BURNER, 60 TOTAL; 32.4 MMBTU/HR BURNER, NATURAL GAS, NORTH AMERICAN, MODEL 4441-2, WITH LOW NOX BURNER, 30 TOTAL; 6.6 MMBTU/HR	D76		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 60 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C1.1, C1.2, 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
PACIFIC CLAY PRODUCTS INC**

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
Process 1: Clay Brick Manufacturing					
DRYER, NATURAL GAS, 6 MMBTU/HR A/N: 373766	D141		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	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
PACIFIC CLAY PRODUCTS INC**

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
Process 1: Clay Brick Manufacturing					
<p>KILN, NO.2, NATURAL GAS, TUNNEL, WITH LOW NOX BURNER, 29 MMBTU/HR WITH A/N: 378919</p> <p>BURNER, NATURAL GAS, NORTH AMERICAN, MODEL 4442-4, WITH LOW NOX BURNER, 37 TOTAL; 19.98 MMBTU/HR</p> <p>BURNER, NATURAL GAS, NORTH AMERICAN, MODEL 4442-3, WITH LOW NOX BURNER, 10 TOTAL; 3.25 MMBTU/HR</p> <p>BURNER, NATURAL GAS, NORTH AMERICAN, MODEL 4446-3, WITH LOW NOX BURNER, 7 TOTAL; 2.31 MMBTU/HR</p> <p>BURNER, NATURAL GAS, NORTH AMERICAN, MODEL 4446-4, WITH LOW NOX BURNER, 7 TOTAL; 3.92 MMBTU/HR</p>	D107		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 66 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C1.1, C1.2, D323.1
System 8: Air Pollution Control					

- * (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 PACIFIC CLAY PRODUCTS INC

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
Process 1: Clay Brick Manufacturing					
BAGHOUSE, FARR, MODEL GS-20, 50-HP, 9000 SQ.FT.; 20 CARTRIDGE A/N: 373764	C139	D19 D20 D21 D22 D23 D30 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D79 D80 D81 D82 D83 D101 D102 D126 D127 D128 D129 D130 D131 D132 D133 D134 D135 D136 D137 D138		PM: (9) [RULE 404, 2-7-1986]	D12.3, D322.1, D381.1, E193.1, E201.1, K67.3
BAGHOUSE, FARR, MODEL GS-20, 50-HP, 9000 SQ.FT.; 20 CARTRIDGE A/N: 376192	C143	D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D31 D32 D33 D34 D35 D36 D37 D38 D117 D118 D119 D120 D121 D122 D123 D124 D125		PM: (9) [RULE 404, 2-7-1986]	D12.3, D322.1, D381.1, E193.1, E201.1, K67.3
System 9: BRICK FORMING NO. 4					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

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FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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
Process 1: Clay Brick Manufacturing					
CONVEYOR, BELT, BIN NO. 6 DISCHARGE A/N: 312647	D101	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT, BIN NO. 7 DISCHARGE A/N: 312647	D102	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 312647	D81	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
BUCKET ELEVATOR A/N: 312647	D82	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 312647	D83	C139		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 312647	D84	C89		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
BIN, SURGE, 30 TONS A/N: 312647	D85	C89		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 312647	D103	C89		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
HOPPER, FEED A/N: 312647	D86	C89		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
MILL, PUG A/N: 312647	D87	C89		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
EXTRUDER A/N: 312647	D88			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
BAGHOUSE, FLEXCLEAN, 103 SQ.FT. A/N: 312648	C89	D84 D85 D86 D87 D103		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.1, E102.1, K67.3
System 10: DRY PRESS					S1.1
CONVEYOR, BELT A/N: 364243	D6	C143		PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT A/N: 364243	D128	C139		PM: (9) [RULE 405, 2-7-1986]	D323.2

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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 |

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FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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
Process 1: Clay Brick Manufacturing					
HOPPER, SURGE A/N: 364243	D129	C139		PM: (9) [RULE 405, 2-7-1986]	D323.2
PRESS, DRY A/N: 364243	D130	C139		PM: (9) [RULE 405, 2-7-1986]	D323.2
CONVEYOR, SCREW, SUBFLOOR AUGER A/N: 364243	D131	C139		PM: (9) [RULE 405, 2-7-1986]	D323.2
BUCKET ELEVATOR A/N: 364243	D132	C139		PM: (9) [RULE 405, 2-7-1986]	D323.2
System M: BRICK TUMBLERS					
BRICK TUMBLER, NO. 1, CUSTOM MADE, WITH A RECEIVING HOPPER A/N: 443601	D172	C173		PM: (9) [RULE 405, 2-7-1986]	A63.1, C1.14, D323.2
BAGHOUSE, CARTRIDGE FILTER, DONALDSON TORIT, MODEL DFT3-12, PULSE JET CLEANING, 20-HP, 3048 SQ.FT.; 12 CARTRIDGE A/N: 443602	C173	D172		PM: (9) [RULE 404, 2-7-1986]	D12.3, D322.1, D381.2, E201.1, K67.3
BRICK TUMBLER, NO. 2, CUSTOM MADE, WITH A RECEIVING HOPPER A/N: 443603	D174	C176		PM: (9) [RULE 405, 2-7-1986]	A63.2, C1.15, C1.16, D323.2
CYCLONE, 3 FT. DIA. X 3 FT. L. A/N: 450291	C176	D174 C175			
BAGHOUSE, MICRO-PULSAIRE, MODEL 49S-10, PULSE JET CLEANING, 5-HP, 577 SQ.FT.; 49 BAGS A/N: 450291	C175	C176		PM: (9) [RULE 404, 2-7-1986]	D12.10, D322.1, D381.1, E201.1, K67.3
Process 2: FUEL STORAGE AND DISPENSING					

- * (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

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**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

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
Process 2: FUEL STORAGE AND DISPENSING					
STORAGE TANK, UNDERGROUND, GASOLINE, OPW (VR-102-E), WITH PHASE I VAPOR RECOVERY SYSTEM, 3000 GALS A/N: 500791	D114				C1.6, D12.11, D330.1, H23.1, J109.1, J373.1, J373.3, K67.7
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, GASOLINE, (G-70-52-AM), WITH PHASE II VAPOR RECOVERY SYSTEM A/N: 500791	D115				D330.1, H23.1, J110.1, J373.2, J373.3
Process 3: STORAGE TANKS					
STORAGE TANK, PRESSURIZED, LIQUIFIED PETROLEUM GAS, 30000 GALS A/N: 256819	D71				
FUEL DISPENSING NOZZLE, LIQUIFIED PETROLEUM GAS A/N: 256819	D72				
STORAGE TANK, PRESSURIZED, LIQUIFIED PETROLEUM GAS, 30000 GALS A/N: 256820	D73				
FUEL DISPENSING NOZZLE, LIQUIFIED PETROLEUM GAS A/N: 256820	D74				
Process 4: R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E106			ROG: (9) [RULE 1113, 11-8-1996; RULE 1113, 6-3-2011; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	K67.1
Process 5: I.C. ENGINES					

- * (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

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FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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
Process 5: I.C. ENGINES					
INTERNAL COMBUSTION ENGINE, LEAN BURN, NON-EMERGENCY, NATURAL GAS, CATERPILLAR, MODEL 3512-SITA, FOUR STROKE, SPARK IGNITED, 12 CYLINDERS, WITH AFTERCOOLER, TURBOCHARGER, 810 HP WITH A/N: 384810 GENERATOR, SYNCHRONOUS, ELECTRICAL, 560 KW	D144		NOX: LARGE SOURCE**	CO: 1.6 GRAM/BHP-HR NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NMHC: 0.7 GRAM/BHP-HR NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 1.5 GRAM/BHP-HR NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 79.3 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]	D12.4, D323.1, E71.1, E202.1, H23.2, K67.4
Process 6: Spray Booth					
SPRAY COATING OPERATION, SPRAY SYSTEMS, FLOOR FILTER TYPE, MODEL NO. I-1087, HVLP SPRAY GUN, 2-HP EXHAUST FAN, 16 FIBERGLASS FILTERS, WITH WATERBORNE COATINGS, SPRAY BOOTH A/N: 393180	C150				B163.1, C1.9, C6.1, D322.1, E175.1, K67.6
Process 7: Concrete Batch Plant					
CONVEYOR, PNEUMATIC A/N: 447506	D183			PM: (9) [RULE 405, 2-7-1986]	D323.2

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
|--|--|

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**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

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
Process 7: Concrete Batch Plant					
STORAGE SILO, CEMENT, 930-CU.FT. CAPACITY WITH A/N: 447506 FILTER, BAG, BESSER, MODEL 14S, 23 SQ.FT.	D184			PM: (9) [RULE 405, 2-7-1986]	D12.10, D322.1, D323.2, D381.1, E202.3, K67.3
BIN, AGGREGATE, 2-COMPARTMENT, 380 CU.FT.; 25 TONS A/N: 447496	D177			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
CONVEYOR, BELT, AGGREGATE A/N: 447496	D178			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.2
HOPPER, WEIGH, CEMENT, 28-CU.FT. CAPACITY WITH A/N: 447496 FILTER, BAG, BESSER, MODEL 14S, 23 SQ.FT.	D179			PM: (9) [RULE 405, 2-7-1986]	D12.10, D322.1, D323.2, D381.1, E202.3, K67.3
CONVEYOR, SCREW, CEMENT A/N: 447496	D181			PM: (9) [RULE 405, 2-7-1986]	D323.2
MIXER, BESSER-SIMEM SUN 1500, CONCRETE, PLANETARY, 10-CU.YD. CAPACITY, 60-HP A/N: 447496	D182	C186		PM: (9) [RULE 405, 2-7-1986]	C1.17, D323.2
BAGHOUSE, BESSER, MODEL DCS-260, WITH MECHANICAL SHAKER AND A 5-HP EXHAUST BLOWER, 260 SQ.FT.; 42 BAGS A/N: 478040	C186	D182		PM: (9) [RULE 404, 2-7-1986]	D12.10, D322.1, D381.1, E202.2, E202.3, K67.3

- * (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
PACIFIC CLAY PRODUCTS INC**

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
PACIFIC CLAY PRODUCTS INC**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
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D3	1	1	1
D4	2	1	1
D5	1	1	1
D6	11	1	10
D7	2	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	2	1	1
D15	2	1	1
D16	4	1	4
D17	2	1	1
D18	2	1	1
D19	2	1	1
D20	2	1	1
D21	3	1	1
D22	3	1	1
D23	3	1	1
D24	3	1	2
D25	3	1	2
D26	3	1	2
D27	3	1	2
D28	3	1	3
D29	3	1	3
D30	3	1	3
D31	3	1	3
D32	4	1	4
D33	4	1	4
D34	4	1	4
D35	4	1	4



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
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D37	4	1	4
D38	4	1	4
D39	4	1	4
D40	4	1	4
D41	4	1	4
D42	4	1	4
D43	5	1	5
D44	5	1	5
D45	5	1	5
D46	5	1	5
D47	5	1	5
D48	5	1	5
D49	5	1	5
D50	5	1	6
D51	5	1	6
D52	6	1	6
D53	6	1	6
D54	6	1	6
D55	6	1	6
D56	5	1	6
D57	5	1	6
D58	6	1	6
D59	6	1	6
D62	6	1	7
D71	13	3	0
D72	13	3	0
D73	13	3	0
D74	13	3	0
D75	7	1	7
D76	7	1	7
D79	3	1	1
D80	3	1	1
D81	11	1	9
D82	11	1	9



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
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D84	11	1	9
D85	11	1	9
D86	11	1	9
D87	11	1	9
D88	11	1	9
C89	11	1	9
D101	11	1	9
D102	11	1	9
D103	11	1	9
E106	13	4	0
D107	9	1	7
D114	13	2	0
D115	13	2	0
D117	1	1	1
D118	1	1	1
D119	1	1	1
D120	1	1	1
D121	2	1	1
D122	2	1	1
D123	2	1	1
D124	2	1	1
D125	2	1	1
D126	6	1	6
D127	6	1	6
D128	11	1	10
D129	12	1	10
D130	12	1	10
D131	12	1	10
D132	12	1	10
D133	4	1	4
D134	4	1	4
D135	4	1	4
D136	5	1	5
D137	5	1	5



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
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D138	5	1	5
C139	10	1	8
D140	6	1	7
D141	8	1	7
C143	10	1	8
D144	14	5	0
C150	14	6	0
D172	12	1	11
C173	12	1	11
D174	12	1	11
C175	12	1	11
C176	12	1	11
D177	15	7	0
D178	15	7	0
D179	15	7	0
D181	15	7	0
D182	15	7	0
D183	14	7	0
D184	15	7	0
C186	15	7	0



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

FACILITY CONDITIONS

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]

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

40 CFR 63 Subpart KKKKK

40 CFR 63 Subpart JJJJJ

[40CFR 63 Subpart JJJJJ, 4-20-2006; 40CFR 63 Subpart KKKKK, 4-20-2006]

SYSTEM CONDITIONS

S1.1 The operator shall limit the production rate to no more than 450 ton(s) in any one month.

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



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Systems subject to this condition : Process 1, System 10]

S1.2 The operator shall limit the throughput to no more than 24750 ton(s) in any one month.

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

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

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 , 2 , 3 , 4 , 5 , 6 , 9]

DEVICE CONDITIONS

A. Emission Limits

A63.1 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 51 LBS IN ANY ONE MONTH

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

[Devices subject to this condition : D172]



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

A63.2 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 5.1 LBS IN ANY ONE MONTH

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

[Devices subject to this condition : D174]

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]

[Devices subject to this condition : D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D33, D34, D35, D36, D37, D38, D39, D40, D41, D42, D43, D44, D45, D46, D47, D48, D49, D50, D79, D80, D81, D82, D83, D84, D85, D86, D87, D88, D101, D102, D103, D117, D118, D119, D120, D121, D122, D123, D124, D125, D133, D134, D135, D136, D137, D138, D177, D178]

B. Material/Fuel Type Limits

B75.1 The operator shall not use propane in this equipment except under the following circumstance(s):

Natural gas curtailment

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



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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 : D62, D75]

B163.1 The operator shall not use materials containing the following:

Volatile Organic Compounds (VOC)

materials that contain any compounds identified as carcinogenic air contaminants in Rule 1401 as amended June 15, 2001

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 6-15-2001]

[Devices subject to this condition : C150]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the natural gas fuel usage to no more than 1.77739e+07 cubic feet per month.

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

[Devices subject to this condition : D76, D107]

C1.2 The operator shall limit the natural gas fuel usage to no more than 50.4 MM cubic feet per month.

This limit shall be based on the total combined limit for equipment D62, D75, D76, and D107.

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



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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 : D62, D75, D76, D107]

- C1.4 The operator shall limit the natural gas fuel usage to no more than 22.68 MM cubic feet per month.

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

[Devices subject to this condition : D62]

- C1.5 The operator shall limit the natural gas fuel usage to no more than 9.95 MM cubic feet per month.

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

[Devices subject to this condition : D75]

- C1.6 The operator shall limit the throughput to no more than 965 gallon(s) per month.

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

[Devices subject to this condition : D114]

- C1.9 The operator shall limit the material processed to no more than 60 gallon(s) per month.

For the purpose of this condition, material processed shall be defined as ceramic glaze sprayed.

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



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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 : C150]

- C1.14 The operator shall limit the material processed to no more than 3000 ton(s) in any one month.

For the purpose of this condition, material processed shall be defined as bricks charged into this equipment.

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

[Devices subject to this condition : D172]

- C1.15 The operator shall limit the material processed to no more than 300 ton(s) in any one month.

For the purpose of this condition, material processed shall be defined as bricks charged into this equipment.

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

[Devices subject to this condition : D174]

- C1.16 The operator shall limit the material processed to no more than 10 ton(s) in any one day.

For the purpose of this condition, material processed shall be defined as bricks charged into this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D174]



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.17 The operator shall limit the production rate to no more than 650 ton(s) in any one month.

For the purpose of this condition, production rate shall be defined as concrete produced.

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

[Devices subject to this condition : D182]

C6.1 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 0.25 inches water column.

To comply with this condition, the operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the filter.

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

[Devices subject to this condition : C150]

D. Monitoring/Testing Requirements

D12.3 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the filter cartridges.

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

[Devices subject to this condition : C139, C143, C173]

D12.4 The operator shall install and maintain a(n) sensor to accurately indicate the oxygen concentration in the exhaust.



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1110.2, 7-9-2010; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996]

[Devices subject to this condition : D144]

D12.10 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the filter bags.

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

[Devices subject to this condition : C175, D179, D184, C186]

D12.11 The operator shall install and maintain a(n) pressure sensing device to accurately indicate the pressure in the tank.

The operator shall also install and maintain a device to continuously record the parameter being measured.

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

[Devices subject to this condition : D114]

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 : C89, C139, C143, C150, C173, C175, D179, D184, C186]



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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 a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. The routine semi-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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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 : D62, D75, D76, D107, D140, D141, D144]



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D323.2 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 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.



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

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, D16, D17, D18, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D32, D33, D34, D35, D36, D37, D38, D39, D40, D41, D42, D43, D44, D45, D46, D47, D48, D49, D50, D51, D52, D53, D54, D55, D56, D57, D58, D59, D79, D80, D81, D82, D83, D84, D85, D86, D87, D88, D101, D102, D103, D117, D118, D119, D120, D121, D122, D123, D124, D125, D126, D127, D128, D129, D130, D131, D132, D133, D134, D135, D136, D137, D138, D172, D174, D177, D178, D179, D181, D182, D183, D184]

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 : D114, D115]



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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]

[Devices subject to this condition : C89, C139, C143, C175, D179, D184, C186]



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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 : C173]

E. Equipment Operation/Construction Requirements

E71.1 The operator shall not operate this equipment if the oxygen concentration is less than 8.2 percent.

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

[Devices subject to this condition : D144]



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

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 : C89]

E175.1 The operator shall not use this equipment unless all exhaust air passes through the following:

filter media at least 2 inches thick

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

[Devices subject to this condition : C150]

E193.1 The operator shall operate and maintain this equipment according to the following requirements:



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The baghouse pressure differential across the filter bags shall be maintained between 1.5" and 3" of water column whenever the equipment it serves is in operation.

The operator shall operate and maintain a pressure differential gauge to measure and indicate the pressure differential across the baghouse filter bags pursuant to the operation and maintenance requirements in 40 CFR Part 64.7. The pressure differential across the filter bags shall be recorded at least once a day.

For the purpose of this condition, a deviation shall be defined as when the pressure differential across the filter bags is less than 1.5" of water column or more than 3" of water column occurs during the normal operation of the equipment it serves.

Whenever a deviation occurs, the operator shall inspect this equipment to identify the cause of such a deviation, take immediate corrective action to maintain the pressure differential across the filter bags between 1.5" and 3" of water column, and keep records of the duration and cause (including unknown cause, if applicable) of the deviation and the corrective actions taken.

All deviations shall be reported to the AQMD on a semi-annual reporting period specified in Condition No. 23, Section K of this permit. The semi-annual monitoring report shall include the total operating time of this equipment and the total accumulated duration of all deviations for each semi-annual reporting period specified in Condition No. 23 in Section K of this permit.

The operator shall submit an application with an Quality Improvement Plan (QIP) in accordance with 40 CFR Part 64.8 to the AQMD if more than six deviations occur in any semi-annual reporting period specified in Condition No. 23 in Section K of this permit. The required QIP shall be submitted to the AQMD within 90 calendar days after the due date for the semi-annual monitoring report.

The operator shall inspect and maintain all components of this equipment on a quarterly basis in accordance with the manufacturer's specifications.

The operator shall keep adequate records in a format that is acceptable to the AQMD to demonstrate compliance with all applicable requirements specified in this



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

condition and 40 CFR Part 64.9 for a minimum of five years

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR Part 64, 10-22-1997]

[Devices subject to this condition : C139, C143]

E201.1 The operator shall remove the materials collected in this equipment to enclosed containers or back to process.

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

[Devices subject to this condition : C139, C143, C173, C175]

E202.1 The operator shall clean and maintain this equipment according to the following specifications:

Routine maintenance shall be conducted for each month in which engine operation exceeded 240 hours. In addition, routine maintenance shall be conducted at least once every calendar quarter. Routine maintenance shall include adjustment of the air-to-fuel ratio and measurement of the exhaust oxygen content.

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

[Devices subject to this condition : D144]

E202.2 The operator shall clean and maintain this equipment according to the following specifications:

The bags shall be cleaned, using the mechanical shaker, at the end of each operating day.

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



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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 : C186]

E202.3 The operator shall clean and maintain this equipment according to the following specifications:

Dust collected in the baghouse/filter vent shall only be discharged into enclosed containers or returned to process and shall not be handled in a manner that may result in the re-release of collected materials to the atmosphere.

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

[Devices subject to this condition : D179, D184, C186]

H. Applicable Rules

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	461

Compliance with subparagraph (c)(5), as amended on March 7, 2008, shall be attained by April 1, 2012

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

[Devices subject to this condition : D114, D115]

H23.2 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
PACIFIC CLAY PRODUCTS INC**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

ROG	District Rule	1110.2
CO	District Rule	1110.2

[RULE 1110.2, 7-9-2010]

[Devices subject to this condition : D144]

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 : D114]

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.

[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 : D115]

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



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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). 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 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 : D114]

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



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

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)
40	0.16
60	0.35
80	0.62

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 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.



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The AQMD shall be notified by e-mail at 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 liquid removal rate test.

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

[Devices subject to this condition : D115]

J373.3 The operator shall comply with the following gasoline transfer and dispensing requirements:

No fuel shall be dispensed into any motor vehicle that is not owned or under direct control of the operator, except for motor vehicles used in emergency response

No fuel shall be dispensed into any motor vehicle that is not equipped with an Onboard Refueling Vapor Recovery (ORVR) system, except for motor vehicles used in emergency response

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

[Devices subject to this condition : D114, D115]

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):



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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 : E106]

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

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 : C89, C139, C143, C173, C175, D179, D184, C186]

K67.4 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

fuel usage

oxygen content of the engine exhaust

performance test results and maintenance records

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D144]

K67.6 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

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

weekly record of pressure drop across the filter media

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

[Devices subject to this condition : C150]

K67.7 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):



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

Date of refueling episode

Quantity of fuel dispensed, to each motor vehicle

The motor vehicle's make, model, model year, and identification number of all motor vehicles refueled at the facility

Calibration records for the tank pressure monitoring system

The above records shall be maintained at the facility for at least five (5) years and made available to the Executive Officer upon request

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

[Devices subject to this condition : D114]



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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]



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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_x 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]



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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 (SO₂) 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 (CO₂) 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 (O₂) 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_x RECLAIM sources and Table 2 of Rule 2001 for SO_x RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NO_x or SO_x 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_x or SO_x 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.



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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.



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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]



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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:

1. Install, maintain, and operate a totalizing fuel meter and any device specified by the Executive Officer as necessary to determine monthly fuel usage or other applicable variables specified in Rule 2012, Appendix A, Table 3-A. The sharing of totalizing fuel meter may be allowed by the Executive Officer if the fuel meter serves large sources which have the same emission factor, concentration limit, or emission rate. The sharing of totalizing fuel meters shall not be allowed for large sources which are required to comply with an annual heat input limit. [2012]
2. Comply at all times with the specified NOx concentration limit in PPM measured over any continuous 60 minutes for that source or establish an equipment-specific emission rate that is reliable, accurate, representative of that sources emissions, and in accordance with the requirements specified in Rule 2012, Appendix A, Chapter 5. [2012]

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]



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

II. NO_x Source Testing and Tune-up conditions

1. The operator shall conduct all required NO_x source testing in compliance with an AQMD-approved source test protocol. [2012]
2. The operator shall, as applicable, conduct source tests for every large NO_x source no later than December 31, 1996 and every 3 years thereafter. The source test shall include the determination of NO_x 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_x large sources and NO_x process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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 NO_x or SO_x 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]

NO_x Reporting Requirements

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

Not Applicable



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

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

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

1. Install, maintain and operate a modem or any reporting device approved by the Executive Officer to report, to the AQMD, the total monthly NO_x mass emissions from each large NO_x source. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. Such data shall be reported within 15 days after the end of each calendar month. [2012]

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

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



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

NONE



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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 NOx or SOx 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 NOx or SOx 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
282521	403
451982	3003

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.



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Section J Page: 1
Facility ID: 017953
Revision #: 3
Date: October 27, 2011

**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

SECTION J: AIR TOXICS

NOT APPLICABLE



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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)]



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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)]



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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
PACIFIC CLAY PRODUCTS INC**

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)]



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

SECTION K: TITLE V Administration EMERGENCY PROVISIONS

17. An emergency¹ 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]

¹ "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 PACIFIC CLAY PRODUCTS INC

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.



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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;



**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.

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1110.2	7-9-2010	Non federally enforceable
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	6-3-2011	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(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable
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



**FACILITY PERMIT TO OPERATE
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RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
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 403	12-11-1998	Federally enforceable
RULE 403.1	1-15-1993	Federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 405	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 430	7-12-1996	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 63 Subpart JJJJ	4-20-2006	Federally enforceable
40CFR 63 Subpart KKKKK	4-20-2006	Federally enforceable
40CFR Part 64	10-22-1997	Federally enforceable



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

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

1. WELDERS < 50-HP
2. LABORATORY KILN, NATURAL GAS
3. HEATERS, NATURAL GAS
4. WATER HEATER, NATURAL GAS



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

**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				100		50
Graphic Arts (Sign) Coatings	500						



**FACILITY PERMIT TO OPERATE
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**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



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 06-03-2011]**

- (1) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6) of Rule 1113, no person shall supply, sell, offer for sale, market, manufacture, blend, repackage, apply, store at a worksite, or solicit the application of any architectural coating within the District:
 - (A) That is listed in the Table of Standards 1 and 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; or
 - (B) That is not listed in the Table of Standards 1, and contains VOC (excluding any colorant added to tint bases) in excess of 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, until January 1, 2014, at which time the limit drops to 50 grams of VOC per liter of coating, less water, less exempt compounds (0.42 pounds per gallon).
- (2) No person within the District shall add colorant at the point of sale that is listed in the Table of Standards 2 and contains VOC in excess of the corresponding VOC limit specified in the Table of Standards 2, after the effective date specified.



**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 06-03-2011]**

**TABLE OF STANDARDS 1
VOC LIMITS**

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

COATING CATEGORY	Ceiling Limit ¹	Current Limit ²	Effective Date		
			7/1/08	1/1/12	1/1/14
Bond Breakers		350			
Clear Wood Finishes		275			
Varnish	350	275			
Sanding Sealers	350	275			
Lacquer		275			
Concrete-Curing Compounds		100			
Concrete-Curing Compounds For Roadways and Bridges ³		350			
Concrete Surface Retarder		250			50
Driveway Sealer		100		50	
Dry-Fog Coatings		150			50
Faux Finishing Coatings					
Clear Topcoat		350		200	
Decorative Coatings		350			100
Glazes		350			
Japan		350			
Trowel Applied Coatings		350		150	50
Fire-Proofing Coatings		350			150
Flats	250	50	50		
Floor Coatings	100	50			
Form Release Compound		250			100
Graphic Arts (Sign) Coatings		500			150
Industrial Maintenance (IM) Coatings	420	100			
High Temperature IM Coatings		420			
Non-Sacrificial Anti-Graffiti Coatings		100			
Zinc-Rich IM Primers	340	100			
Magnesite Cement Coatings		450			
Mastic Coatings		300			100
Metallic Pigmented Coatings	500	500			150
Multi-Color Coatings		250			
Nonflat Coatings	150	50			
Pre-Treatment Wash Primers		420			
Primers, Sealers, and Undercoaters	200	100			
Reactive Penetrating Sealers		350			
Recycled Coatings		250			
Roof Coatings	250	50			
Roof Coatings, Aluminum		100			



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 06-03-2011]**

Roof Primers, Bituminous	350	350		
Rust Preventative Coatings	400	100		
Stone Consolidant		450		
Sacrificial Anti-Graffiti Coatings		100		50
Shellac				
Clear		730		
Pigmented		550		
Specialty Primers	350	100		
Stains		100		



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 06-03-2011]**

COATING CATEGORY	Ceiling Limit ¹	Current Limit ²	Effective Date		
			7/1/08	1/1/12	1/1/14
Stains, Interior	250	250			
Swimming Pool Coatings					
Repair		340			
Other		340			
Traffic Coatings		100			
Waterproofing Sealers	250	100			
Waterproofing Concrete/Masonry Sealers	400	100			
Wood Preservatives		350			

1. The specified ceiling limits are applicable to products sold under the Averaging Compliance Option.
2. The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.
3. Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

**TABLE OF STANDARDS 1 (cont.)
VOC LIMITS**

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

**TABLE OF STANDARDS 2
VOC LIMITS FOR COLORANTS**

**Grams of VOC Per Liter of Colorant
Less Water and Less Exempt Compounds**

COLORANT	Limit ⁴
Architectural Coatings, excluding IM Coatings	50
Solvent-Based IM	600
Waterborne IM	50

4. Effective January 1, 2014.



FACILITY PERMIT TO OPERATE PACIFIC CLAY PRODUCTS INC

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)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)
(B) Repair and Maintenance Cleaning	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

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

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (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
PACIFIC CLAY PRODUCTS INC**

**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
PACIFIC CLAY PRODUCTS INC**

**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:

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



**FACILITY PERMIT TO OPERATE
PACIFIC CLAY PRODUCTS INC**

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

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (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	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 PACIFIC CLAY PRODUCTS INC

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

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(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
PACIFIC CLAY PRODUCTS INC**

**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
PACIFIC CLAY PRODUCTS INC**

**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
PACIFIC CLAY PRODUCTS INC**

**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
PACIFIC CLAY PRODUCTS INC**

**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
PACIFIC CLAY PRODUCTS INC**

**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