



South Coast Air Quality Management District

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

August 23, 2012

Mr. Jan Kovacovsky
Environmental Manager
Boral Roofing LLC
909 Railroad St.
Corona, CA 92882

SUBJECT: RECLAIM/Title V Facility Permit Revision (Facility ID: 1073)

Dear Mr. Kovacovsky:

Please find attached the revised Title Page, Table of Contents, Section D, and Section H of your RECLAIM/Title V Facility Permit. The revised sections reflect the approval of the administrative permit revision for issuing Permit to Operate for the following equipment that was previously issued Permit to Construct:

Equipment	Application No.	Device No.	Process/ System	Permit Type
Oven	451861	D135	1/0	PO
Kiln	458088	D159	1/0	PO
Dryer	458091	D151	1/0	PO
Kiln	459794	D154	1/0	PO

Please review the attached sections carefully. Insert the enclosed sections into your RECLAIM/Title V Facility Permit and discard the earlier versions. Questions concerning changes to your permit should be directed to Mr. Manuel Quizon at (909) 396-2639.

Sincerely,

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

BLY:Boral 1073_2012_0823
Attachment

cc: Gerardo Rios, EPA Region IX

FACILITY PERMIT TO OPERATE

**BORAL ROOFING LLC
909 RAILROAD ST
CORONA, CA 92882**

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 BORAL ROOFING LLC

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**FACILITY PERMIT TO OPERATE
BORAL ROOFING LLC**

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: TILE PRODUCTION					
System 1: CLAY HANDLING, CRUSHING AND STORAGE					S1.1
HOPPER, CHARGING A/N: 466199	D1	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, C2 A/N: 466199	D22	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, VOLUMETRIC A/N: 466199	D112	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 466199	D145			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 466199	D120	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, VOLUMETRIC A/N: 466199	D113	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 466199	D146	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 466199	D121	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, VOLUMETRIC A/N: 466199	D114	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 466199	D147	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 466199	D122	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, VOLUMETRIC A/N: 466199	D115	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 466199	D148	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 466199	D123	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, VOLUMETRIC A/N: 466199	D116	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1

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

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

**FACILITY PERMIT TO OPERATE
BORAL ROOFING LLC**

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: TILE PRODUCTION					
CONVEYOR, BELT A/N: 466199	D149	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 466199	D124	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, VOLUMETRIC A/N: 466199	D117	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 466199	D150	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 466199	D125	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 466199	D118	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 466199	D119	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
HAMMERMILL, P.I.G./DRYER TYPE, ELECTRICALLY HEATED A/N: 466199	D144	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 466199	D11	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 466199	D12	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 466199	D13	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
SCREEN, CLASSIFYING, CLASSIFYING, WITH 30 KVA HEATER A/N: 466199	D14	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
SCREEN, CLASSIFYING, CLASSIFYING, WITH 30 KVA HEATER A/N: 466199	D15	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1

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

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Process 1: TILE PRODUCTION					
SCREEN, CLASSIFYING, CLASSIFYING, WITH 30 KVA HEATER A/N: 466199	D16	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
SCREEN, CLASSIFYING, CLASSIFYING, WITH 30 KVA HEATER A/N: 466199	D17	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
SCREEN, CLASSIFYING, CLASSIFYING, WITH 30 KVA HEATER A/N: 466199	D18	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
MILL, ROLL, CLAY A/N: 466199	D134	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, C3 A/N: 466199	D23	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, C7 A/N: 466199	D24	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, C4 A/N: 466199	D25	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, C5 A/N: 466199	D26	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
BUCKET ELEVATOR A/N: 466199	D31	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO A/N: 466199	D32	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO A/N: 466199	D33	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO A/N: 466199	D34	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO A/N: 466199	D35	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1

* (1) (1A) (1B) Denotes RECLAIM emission factor
(3) Denotes RECLAIM concentration limit
(5) (5A) (5B) Denotes command and control emission limit
(7) Denotes NSR applicability limit
(9) See App B for Emission Limits

(2) (2A) (2B) Denotes RECLAIM emission rate
(4) Denotes BACT emission limit
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(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Process 1: TILE PRODUCTION					
STORAGE SILO A/N: 466199	D36	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, CLAY A/N: 466199	D86	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
BIN, HOLDING, PORTABLE, WASTE OVERSIZE MATERIAL A/N: 466199	D95			PM: (9) [RULE 405, 2-7-1986]	D323.1
BAGHOUSE, DONALDSON, MODEL DFO-3-60, EON SYNTHETIC FIBER FILTER, PULSE JET CLEANING TYPE, 11400 SQ. FT., 150 H.P., WITH GOYEN, MODEL BBD6, BAG LEAK DETECTION SYSTEM A/N: 510479	C156	D1 D11 D12 D13 D14 D15 D16 D17 D18 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D44 D45 D46 D48 D55 D61 D86 D88 D89 D112 D113 D114 D115 D116 D117 D118 D119 D120 D121 D122 D123 D124 D125 D128 D129 D130 D131 D132 D133 D134 D144 D146 D147 D148 D149 D150 D158		PM: (9) [RULE 404, 2-7-1986]	D12.4, D322.1, D381.1, E102.1, H23.1, H23.2, K67.1
CONVEYOR, SCREW, DUST A/N: 466199	D157			PM: (9) [RULE 405, 2-7-1986]	

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Process 1: TILE PRODUCTION					
CONVEYOR, SCREW, DUST A/N: 466199	D158	C156		PM: (9) [RULE 405, 2-7-1986]	
System 2: CLAY EXTRUSION					
CONVEYOR, BELT A/N: 471628	D131	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 471628	D132	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 471628	D133	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, C8 A/N: 471628	D28	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, C1 A/N: 471628	D29	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 471628	D45	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 471628	D46	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 471628	D48	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
BIN, SURGE, 25 TONS A/N: 471628	D55	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, DUMP, CHARGING, MANGANESE A/N: 471628	D102			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MANGANESE A/N: 471628	D103			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, MANGANESE A/N: 471628	D139			PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, DUMP, CHARGING, BARIUM CARBONATE A/N: 471628	D104			PM: (9) [RULE 405, 2-7-1986]	D323.1

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(2) (2A) (2B) Denotes RECLAIM emission rate
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Process 1: TILE PRODUCTION					
CONVEYOR, SCREW, BARIUM CARBONATE A/N: 471628	D105			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, BARIUM CARBONATE A/N: 471628	D140			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 471628	D49			PM: (9) [RULE 405, 2-7-1986]	D323.1
EXTRUDER, SOUTH 75 A/N: 471628	D53			PM: (9) [RULE 405, 2-7-1986]	C1.2
MILL, PUG A/N: 471628	D54			PM: (9) [RULE 405, 2-7-1986]	C1.3, D323.1
BIN, SURGE, 25 TONS A/N: 471628	D44	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, DUMP, CHARGING, MANGANESE A/N: 471628	D106			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MANGANESE A/N: 471628	D107			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, MANGANESE A/N: 471628	D141			PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, DUMP, CHARGING, BARIUM CARBONATE A/N: 471628	D108			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, BARIUM CARBONATE A/N: 471628	D109			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, BARIUM CARBONATE A/N: 471628	D142			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, C12 A/N: 471628	D47			PM: (9) [RULE 405, 2-7-1986]	D323.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
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 - (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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: TILE PRODUCTION					
EXTRUDER, NORTH 75 A/N: 471628	D42			PM: (9) [RULE 405, 2-7-1986]	C1.2
MILL, PUG A/N: 471628	D43			PM: (9) [RULE 405, 2-7-1986]	C1.3, D323.1
CONVEYOR, BELT A/N: 471628	D128	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 471628	D129	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 471628	D130	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, C6 A/N: 471628	D27	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, C9 A/N: 471628	D30	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 471628	D88	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 471628	D89	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1
BIN, SURGE, ARM NO. 60, 36 TONS A/N: 471628	D60			PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, ADDITIVES A/N: 471628	D126			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, ADDITIVES A/N: 471628	D127			PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, DUMP, CHARGING, MANGANESE A/N: 471628	D100			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MANGANESE A/N: 471628	D101			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, ARM #60 A/N: 471628	D61	C156		PM: (9) [RULE 405, 2-7-1986]	D323.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits

- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

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

**FACILITY PERMIT TO OPERATE
BORAL ROOFING LLC**

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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: TILE PRODUCTION					
MILL, PUG, ARM NO. 60 A/N: 471628	D59			PM: (9) [RULE 405, 2-7-1986]	C1.3, D323.1
EXTRUDER A/N: 471628	D110			PM: (9) [RULE 405, 2-7-1986]	C1.2
BIN, SURGE, ARM NO. 40, 36 TONS A/N: 471628	D65			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 471628	D91			PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, CHARGING A/N: 471628	D92			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT A/N: 471628	D93			PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, CHARGING A/N: 471628	D94			PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, DUMP, CHARGING, MANGANESE A/N: 471628	D96			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MANGANESE A/N: 471628	D97			PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, ARM NO. 40 A/N: 471628	D66			PM: (9) [RULE 405, 2-7-1986]	D323.1
MILL, PUG, ARM NO.40 A/N: 471628	D64			PM: (9) [RULE 405, 2-7-1986]	C1.3, D323.1
EXTRUDER A/N: 471628	D111			PM: (9) [RULE 405, 2-7-1986]	C1.2
System 3: DRYING AND CURING					

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

**FACILITY PERMIT TO OPERATE
BORAL ROOFING LLC**

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: TILE PRODUCTION					
OVEN, DRYING, CERATEC, NATURAL GAS, WITH LOW NOX BURNER, 12.57 MMBTU/HR WITH A/N: 451861	D135		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 30 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]	D29.1, D29.3, D323.2, E71.1, K40.1
BURNER, NATURAL GAS, ECLIPSE, MODEL MINNOX, WITH LOW NOX BURNER, 1 TOTAL; 2.73 MMBTU/HR					
BURNER, NATURAL GAS, ECLIPSE, MODEL MINNOX, WITH LOW NOX BURNER, 2 TOTAL; 1.64 MMBTU/HR					
BURNER, NATURAL GAS, ECLIPSE, MODEL MINNOX, WITH LOW NOX BURNER, 2 TOTAL; 3.28 MMBTU/HR					

* (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
BORAL ROOFING LLC**

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: TILE PRODUCTION					
KILN, ROLLER, ITALFORNI, MODEL OK-5/900, NATURAL GAS, WITH LOW NOX BURNER, 2.052 MMBTU/HR WITH A/N: 458088 BURNER, NATURAL GAS, ITALFORNI, MODEL IF55, WITH LOW NOX BURNER, 12 TOTAL; 0.171 MMBTU/HR	D159		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]	CI.4, D323.2
DRYER, ITALFORNI, NATURAL GAS, WITH LOW NOX BURNER, 6.374 MMBTU/HR WITH A/N: 458091 BURNER, NATURAL GAS, ECLIPSE, MODEL MINNOX, WITH LOW NOX BURNER, 1 TOTAL; 5.378 MMBTU/HR BURNER, NATURAL GAS, ECLIPSE, MODEL MINNOX, WITH LOW NOX BURNER, 1 TOTAL; 0.996 MMBTU/HR	D151		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 30 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]	D29.2, D29.3, D323.2, E71.1

* (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
BORAL ROOFING LLC**

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: TILE PRODUCTION					
KILN, ITALFORNI, NATURAL GAS, WITH LOW NOX BURNER, 24.966 MMBTU/HR WITH A/N: 459794 BURNER, NATURAL GAS, ITALFORNI, MODEL IF55, WITH LOW NOX BURNER, 146 TOTAL; 0.171 MMBTU/HR	D154		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 101.4 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 101.4 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]	D323.2
Process 4: Rule 219 Exempt Equipment Subject to Source-Specific Requirements					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E85			ROG: (9) [RULE 1113, 7-13-2007; RULE 1171, 11-7-2003; RULE 1171, 2-1-2008]	K67.2

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



**FACILITY PERMIT TO OPERATE
BORAL ROOFING LLC**

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
 BORAL ROOFING LLC**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
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D12	2	1	1
D13	2	1	1
D14	2	1	1
D15	2	1	1
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D24	3	1	1
D25	3	1	1
D26	3	1	1
D27	7	1	2
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D29	5	1	2
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D34	3	1	1
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D36	4	1	1
D42	7	1	2
D43	7	1	2
D44	6	1	2
D45	5	1	2
D46	5	1	2
D47	6	1	2
D48	5	1	2
D49	6	1	2
D53	6	1	2
D54	6	1	2
D55	5	1	2

**FACILITY PERMIT TO OPERATE
BORAL ROOFING LLC**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D59	8	1	2
D60	7	1	2
D61	7	1	2
D64	8	1	2
D65	8	1	2
D66	8	1	2
E85	11	4	0
D86	4	1	1
D88	7	1	2
D89	7	1	2
D91	8	1	2
D92	8	1	2
D93	8	1	2
D94	8	1	2
D95	4	1	1
D96	8	1	2
D97	8	1	2
D100	7	1	2
D101	7	1	2
D102	5	1	2
D103	5	1	2
D104	5	1	2
D105	6	1	2
D106	6	1	2
D107	6	1	2
D108	6	1	2
D109	6	1	2
D110	8	1	2
D111	8	1	2
D112	1	1	1
D113	1	1	1
D114	1	1	1
D115	1	1	1
D116	1	1	1
D117	2	1	1

**FACILITY PERMIT TO OPERATE
 BORAL ROOFING LLC**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
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D119	2	1	1
D120	1	1	1
D121	1	1	1
D122	1	1	1
D123	1	1	1
D124	2	1	1
D125	2	1	1
D126	7	1	2
D127	7	1	2
D128	7	1	2
D129	7	1	2
D130	7	1	2
D131	5	1	2
D132	5	1	2
D133	5	1	2
D134	3	1	1
D135	9	1	3
D139	5	1	2
D140	6	1	2
D141	6	1	2
D142	6	1	2
D144	2	1	1
D145	1	1	1
D146	1	1	1
D147	1	1	1
D148	1	1	1
D149	2	1	1
D150	2	1	1
D151	10	1	3
D154	11	1	3
C156	4	1	1
D157	4	1	1
D158	5	1	1
D159	10	1	3

**FACILITY PERMIT TO OPERATE
BORAL ROOFING LLC**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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: TILE PRODUCTION					
System 3: DRYING AND CURING					
KILN, ITALFORNI, NATURAL GAS, WITH LOW NOX BURNER, 35.739 MMBTU/HR WITH A/N: 476098 Permit to Construct Issued: 06/19/08 BURNER, NATURAL GAS, ITALFORNI, MODEL IF55, WITH LOW NOX BURNER, 209 TOTAL; 0.171 MMBTU/HR	D161		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 95 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1) -BACT, 12-6-2002]; NOX: 95 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]	C1.5, D323.2, L341.4

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



**FACILITY PERMIT TO OPERATE
BORAL ROOFING LLC**

SECTION H: 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
BORAL ROOFING LLC**

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
D161	1	1	3