



# South Coast Air Quality Management District

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

October 24, 2012

Mr. Glenn Stevens  
EHS Officer  
Kirkhill-TA Company (Facility ID 1744)  
300 E. Cypress Street  
Brea, CA 92821

**SUBJECT:** Title V/RECLAIM Facility Permit Revision (Facility ID: 1744)

Dear Mr. Stevens:

Please find attached the revised Title Page, Table of Contents, Section A, Section D, and Section H of your Title V/RECLAIM Facility Permit. The revised sections reflect the approval of de minimis significant permit revision requested in your Application 540526 for installation of scrubber, electrostatic precipitator, and HEPA filter, approval to operate a rubber press, roll mill, and baghouse and modification to an oven to be vented to the aforementioned air pollution control devices. In addition, the revised sections also incorporate the administrative permit revision requested in your application 536116 to change the responsible official. The proposed de minimis significant permit revision was submitted to EPA for 45-day review on September 4, 2012. All changes to Sections D and H of your Title V Facility Permit are summarized in Table 1.

Please review the attached sections carefully. Insert the enclosed sections into your Title V Facility Permit and discard the earlier version. Questions concerning changes to your permit should be directed to Erwin dela Cruz at 909.396.2528.

Sincerely,

A handwritten signature in black ink, appearing to read 'Brian L. Yeh', is written over a faint, larger version of the same signature.

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

BLY:erc approval  
Attachment

cc: Gerardo Rios, EPA Region IX

**Table 1**

**Title V/RECLAIM Permit Revision**

<b>Equipment</b>	<b>Application No.</b>	<b>Device No.</b>	<b>Process/ System</b>	<b>Permit Type</b>
Roll Mill	540531	D154	2/2	PO
Baghouse	540532	C155	2/2	PO
Rubber Press	540533	D156	2/5	PO
Oven	540527	D128	2/5	PC
Scrubber	540528	C157	2/5	PC
Electrostatic Precipitator	540529	C158	2/5	PC
HEPA Filter	540530	C159	2/5	PC



## FACILITY PERMIT TO OPERATE

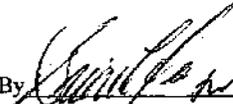
**KIRKHILL - TA COMPANY  
300 E CYPRESS ST  
BREA, CA 92821**

### 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  
KIRKHILL - TA COMPANY**

**TABLE OF CONTENTS**

Section	Description	Revision #	Date Issued
A	Facility Information	17	10/24/2012
B	RECLAIM Annual Emission Allocation	19	07/01/2012
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	13	10/24/2012
E	Administrative Conditions	8	08/25/2011
F	RECLAIM Monitoring and Source Testing Requirements	5	08/25/2011
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	5	08/25/2011
H	Permit To Construct and Temporary Permit to Operate	9	10/24/2012
I	Compliance Plans & Schedules	3	08/25/2011
J	Air Toxics	1	08/25/2011
K	Title V Administration	1	08/25/2011
<b>Appendix</b>			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	2	08/25/2011
B	Rule Emission Limits	1	08/25/2011



**FACILITY PERMIT TO OPERATE  
KIRKHILL - TA COMPANY**

**SECTION A: FACILITY INFORMATION**

**LEGAL OWNER &/OR OPERATOR:** KIRKHILL - TA COMPANY

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

**EQUIPMENT LOCATION:** 300 E CYPRESS ST  
BREA, CA 92821

**MAILING ADDRESS:** 300 E CYPRESS ST  
BREA, CA 92821-4097

**RESPONSIBLE OFFICIAL:** MIKE JOHNSON

**TITLE:** VICE PRESIDENT AND GENERAL MANAGER

**TELEPHONE NUMBER:** (714) 529-4901

**CONTACT PERSON:** TOM KILSBY

**TITLE:** FACILITY MANAGER

**TELEPHONE NUMBER:** (714) 529-4901

**TITLE V PERMIT ISSUED:** August 25, 2011

**TITLE V PERMIT EXPIRATION DATE:** August 24, 2016

TITLE V		RECLAIM	
YES		NOx:	YES
		SOx:	NO
		CYCLE:	2
		ZONE:	COASTAL



**FACILITY PERMIT TO OPERATE  
KIRKHILL - TA COMPANY**

**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 <sup>*</sup> And Requirements	Conditions
<b>Process 1: EXTERNAL COMBUSTION</b>					
BOILER, NATURAL GAS, SUPERIOR, MODEL 4-X-2007-S150-M-LNDG-175, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 17.5 MMBTU/HR WITH A/N: 223694  BURNER, LOW NOX, NATURAL GAS, INDUSTRIAL COMBUSTION, MODEL LNDG-175, WITH LOW NOX BURNER, 17.5 MMBTU/HR	D1		NOX: LARGE SOURCE**	CO: 400 PPMV (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 30 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; PM 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D111.1, D328.1, E113.1
BOILER, NATURAL GAS, DIXON, MODEL SMWW, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 18.9 MMBTU/HR WITH A/N: 260667  BURNER, LOW NOX, NATURAL GAS, INDUSTRIAL COMBUSTION, MODEL LNDG-210P, WITH LOW NOX BURNER, 18.9 MMBTU/HR	D2		NOX: LARGE SOURCE**	CO: 400 PPMV (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D111.1, D328.1, E113.1
<b>Process 2: RUBBER PRODUCTS MANUFACTURE</b>					
<b>System 1: CARBON BLACK UNLOADING AND CONVEYING SYSTEM</b>					

\* (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**  
**KIRK HILL - TA COMPANY**

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2: RUBBER PRODUCTS MANUFACTURE</b>					
BULK MATERIAL UNLOADING STATION, CARBON BLACK BAG DISCHARGER, 3 FT. 2 IN. W, 3 FT. 2 IN. L., 7 FT. H., FLEXICON, MODEL BFC A/N: 484289	D130			PM: (9) [RULE 405, 2-7-1986]	C1.5, C1.6, D323.2
BULK MATERIAL UNLOADING STATION, FLOW FLEXER, PNEUMATIC BULK BAG AGITATOR, REGULATOR WITH GAUGE. A/N: 484289	D131			PM: (9) [RULE 405, 2-7-1986]	D323.2
BULK MATERIAL UNLOADING STATION, POWER CINCHER, BULK BAG FLOW CONTROL VALVE, FILTER & REGULATOR WITH GAUGE. A/N: 484289	D132			PM: (9) [RULE 405, 2-7-1986]	D323.2
BULK MATERIAL UNLOADING STATION, TELESCOPING TUBE WITH SPOUT-LOCK CLAMP RING, 9.0 IN. DIA., FLEXIBLE/CORRUGATED CYLINDRICAL SPOUT. A/N: 484289	D133	C136		PM: (9) [RULE 405, 2-7-1986]	D323.2, E57.2

\* (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  
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<b>Process 2: RUBBER PRODUCTS MANUFACTURE</b>					
HOPPER, FLOOR TYPE, 1 CU.FT. CAPACITY, 1 FT. 6 IN. W. X 1 FT. 6 IN. L. X 2 FT. 4 IN. H., FIXED LID WITH INLET PORT AND AGITATOR ASSEMBLY, ELECTRIC MOTOR, 0.5 HP. WITH A/N: 484289	D134	C100 C136		PM: (9) [RULE 405, 2-7-1986]	D323.2, E57.1
CONVEYOR, SCREW TYPE, FLEXICON BEV-CON, MODEL 1500, 4.5 IN. DIA. X 15 FT. L., GEAR, ASSEMBLY WITH 5 H P MOTOR	D135			PM: (9) [RULE 405, 2-7-1986]	
BAGHOUSE, FLEXICON, BAG-VAC, 2 FT. 4 IN. W. X 2 FT. 2 IN. L. X 5 FT 3 IN. H., 50 SQ.FT. FILTER AREA, REVERSE PULSE JET CLEAN SYS., 0.5 HP BLOWER VENTING COLLAPSED BAGS A/N: 490668	C136	D133 D134		PM: (9) [RULE 404, 2-7-1986]	D12.5, D381.4, E102.1, K67.1
BULK MATERIAL LOAD/UNLOAD STATION, PORTABLE TOTE ASSEMBLY, CARBON BLACK, UNFLANGED INLET PORT AND VENT PORT. A/N: 484289	D137	C100		PM: (9) [RULE 405, 2-7-1986]	E57.1
CONVEYOR, SCREW, CARBON BLACK A/N: 334271	D126	C24		PM: (9) [RULE 405, 2-7-1986]	D323.2
<b>System 2: RUBBER CONVEYING AND MIXING SYSTEM</b>					
MIXER, BOLLING, RUBBER A/N: 517155	D12	C100		PM: (9) [RULE 405, 2-7-1986]	B27.3, C1.9, 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
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<b>Process 2: RUBBER PRODUCTS MANUFACTURE</b>					
HOPPER, DUMP, 100 CU.FT. A/N: 517155	D13			PM: (9) [RULE 405, 2-7-1986]	D323.2
HOPPER, DUMP, 100 CU.FT. A/N: 517155	D14			PM: (9) [RULE 405, 2-7-1986]	D323.2
HOPPER, DUMP, 100 CU.FT. A/N: 517155	D15			PM: (9) [RULE 405, 2-7-1986]	D323.2
HOPPER, DUMP, 100 CU.FT. A/N: 517155	D16			PM: (9) [RULE 405, 2-7-1986]	D323.2
HOPPER, WEIGH A/N: 517155	D17			PM: (9) [RULE 405, 2-7-1986]	D323.2
BULK MATERIAL LOAD/UNLOAD STATION, FLO-BIN A/N: 517155	D18			PM: (9) [RULE 405, 2-7-1986]	D323.2
WEIGH STATION A/N: 517155	D19			PM: (9) [RULE 405, 2-7-1986]	D323.2
MILL, BLACK RUBBER, TWO ROLL A/N: 517157	D20	C100		PM: (9) [RULE 405, 2-7-1986]	B27.3, D323.2
MIXER, BANBURY MIXER NO. 3A, RUBBER A/N: 514870	D21	C139		PM: (9) [RULE 405, 2-7-1986]	B27.3, D323.2
MIXER, BANBURY MIXER NO. 11, RUBBER A/N: 10934W	D23	C24		PM: (9) [RULE 405, 2-7-1986]	D323.2
BAGHOUSE, PULVERIZING MACHINE CO., MODEL MIKRO-Q-PULSAIR, 1131 SQ.FT. A/N: 334313	C24	D23 D126		PM: (9) [RULE 404, 2-7-1986]	D12.1, D381.2, E102.1, E160.1, H23.7
MILL, ROLL, SILICON RUBBER A/N: 514871	D25	C139		PM: (9) [RULE 405, 2-7-1986]	B27.3, D323.2

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
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(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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: RUBBER PRODUCTS MANUFACTURE</b>					
MILL, BLACK, NO. 2, PACIFIC MODEL NO. 48, SILICONE RUBBER, 4 FT-9 INCH W X 13 FT-10 INCH L X 5 FT-10 INCH H, 50 HP A/N: 514856	D138	C100		PM10: (9) [RULE 405, 2-7-1986]	B27.3, D323.2
BAGHOUSE, PULSE JET TYPE, 196 FILTERS, TOTAL FILTER AREA 3,079 SQ. FT., POLYESTER, MAC. MODEL 120-LST-196, WITH FABRIC FILTER A/N: 514857	C139	D21 D25 D141 D147 D149 D152		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E102.1, E160.1, H23.7, K67.1
MILL, ROLL, NO. 2,, SILICONE RUBBER, 6 FT-3 INCH W X 21 FT-4 INCH L X 6 FT-8 INCH H, 125 HP A/N: 514858	D152	C139		PM10: (9) [RULE 405, 2-7-1986]	B27.3, D323.2
MILL, ROLL, NO. 3,, SILICONE RUBBER, 4 FT-0 INCH W X 3 FT-8 INCH L X 5 FT-4.5 INCH H, 5 HP A/N: 514859	D141	C139		PM10: (9) [RULE 405, 2-7-1986]	B27.3, D323.2
MILL, ROLL, NO. 1, ERIE ENGINE & MANUFACTURING CO., CLEAN ROOM, SILICONE RUBBER, 6 FT-8 INCH W X 21 FT-6 INCH L X 5 FT-0 INCH H, 150 HP A/N: 514866	D147	C139		PM10: (9) [RULE 405, 2-7-1986]	B27.3, D323.2
MILL, ROLL, NO. 153, MODEL NO 3760 BCD, SILICONE RUBBER, 8 FT-0 INCH W X 18 FT-10 INCH L X 5 FT-9 INCH H, 75 HP A/N: 514868	D149	C139		PM10: (9) [RULE 405, 2-7-1986]	B27.3, D323.2
MILL, ROLL, NO. 6A, SILICONE A/N: 540531	D154	C155		PM: (9) [RULE 405, 2-7-1986]	B27.4, D323.2, E57.4

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2: RUBBER PRODUCTS MANUFACTURE</b>					
BAGHOUSE, PULSE JET TYPE, CARTRIDGE FILTER, MAC2FLOW, MODEL 2M2F4, WITH 3 HP. BLOWER, 1106 SQ.FT.; 4 CARTRIDGE A/N: 540532	C155	D154		PM: (9) [RULE 404, 2-7-1986]	D12.7, D322.1, D381.2, E102.1, E160.1, H23.7, K67.1
<b>System 3: RUBBER EXTRUDING AND CURING SYSTEM</b>					
EXTRUDER A/N: 118013	D31			PM: (9) [RULE 405, 2-7-1986]	
OVEN, CURING, MICROWAVE, COBER, 18 KW A/N: 118013	D32	C35 C127			D323.2
OVEN, CURING, ELECTRIC, INFATROL, 60 KW A/N: 118013	D33	C35 C127			D323.2
CONVEYOR, BELT A/N: 118013	D34	C35 C127		PM: (9) [RULE 405, 2-7-1986]	D323.2
ELECTROSTATIC PRECIPITATOR, SMOG-HOG, MODEL SH-20-PE, 1.5 KW A/N: 118014	C35	D32 D33 D34 D36 C127		PM: (9) [RULE 404, 2-7-1986]	D323.1, E202.1, K67.3
COOLER, AIR COOLER A/N: 118014	D36	C35 C127		PM: (9) [RULE 405, 2-7-1986]	D323.1
OVEN, CURING, MICROWAVE, MONSANTO, 2.5 KVA A/N: 01445A	D37	C124			D323.2
OVEN, CURING, ELECTRIC, INFATROL, 76 KVA A/N: 01445A	D38	C124			D323.2
CONVEYOR, BELT A/N: 01445A	D39	C124		PM: (9) [RULE 405, 2-7-1986]	D323.2

- \* (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
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: RUBBER PRODUCTS MANUFACTURE</b>					
TANK, HEATED, RUBBER CURING, SALT, WIDTH: 1 FT ; HEIGHT: 1 FT ; LENGTH: 30 FT A/N: 273082	D42	C44			D323.2
TANK, HEATED, RUBBER CURING, SALT, WIDTH: 1 FT ; HEIGHT: 1 FT ; LENGTH: 40 FT A/N: 273082	D43	C44			D323.2
COOLER, EVAPORATIVE, ANDERSON 2000 INC. A/N: 386208	C44	D42 D43 C45			D323.2
FILTER, FIBERGLASS, HIGH EFFICIENCY, ANDERSON 2000 INC , MODEL M-2.0-50 A/N: 386208	C45	C44 C46		PM: (9) [RULE 404, 2-7-1986]	D323.2, K67.1
MIST ELIMINATOR A/N: 386208	C46	C45			
ELECTROSTATIC PRECIPITATOR, SMOG HOG, MODEL SG-4 TANDEM A/N: 386207	C124	D37 D38 D39		PM: (9) [RULE 404, 2-7-1986]	D323.2, H23.7, K67.1
BLOWER, EXHAUST, 4,400 - 6,000 CFM, 5 H.P. A/N: 386207	C125				
ELECTROSTATIC PRECIPITATOR, UNITED AIR SPECIALISTS, SMOG HOG, MODEL SH-PE-40 A/N: 339583	C127	D32 D33 D34 C35 D36		PM: (9) [RULE 404, 2-7-1986]	D323.2, E202.1, H23.7, K67.1
ELECTROSTATIC PRECIPITATOR, UNITED AIR SPECIALISTS, SMOG-HOG, MODEL NO. SHN-40, 5 HP BLOWER A/N: 514872	C150	D142 D143 D144 D145 D146		PM: (9) [RULE 404, 2-7-1986]	D323.2, E202.1, H23.7, K67.1
<b>System 4: RUBBER COATING SYSTEM</b>					

- \* (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
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: RUBBER PRODUCTS MANUFACTURE</b>					
SPRAY COATING OPERATION, WITH SPRAY BOOTH A/N: 517158	D50			PM: (9) [RULE 404, 2-7-1986]; ROG: (9) [RULE 1124, 9-21-2001]; RULE 1145, 12-3-2004; RULE 1145, 12-4-2009; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	A63.3, B59.2, C6.1, D322.1, E175.1, H23.1, H23.6, K67.1, K67.6
<b>System 5: RUBBER CURING SYSTEM</b>					
OVEN, CURING, ELECTRIC, DISPATCH, 224 KW A/N: 445544	D53	C129		PM: (9) [RULE 404, 2-7-1986]	C1.2, D323.2
OVEN, CURING, ELECTRIC, YOUNG BROTHERS, 90 KVA A/N: 04330A	D54	C61			C1.3, D323.2
OVEN, CURING, NATURAL GAS, K. J. CALLAHAN, 0.6 MMBTU/HR A/N: 06581A	D55	C61	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: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C1.3, D323.2
OVEN, CURING, ELECTRIC, GRIEVE-HENDRY, 40 KW A/N: 06582A	D56	C61			C1.3, D323.2
OVEN, CURING, NO. 7, NATURAL GAS, MILMETCO, 0.5 MMBTU/HR A/N: 09767A	D57	C61	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: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D323.2
OVEN, CURING, NO. 8, NATURAL GAS, CALLAHAN, 0.6 MMBTU/HR A/N: 09766A	D58	C61	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: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	A63.2, 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  
KIRK HILL TA COMPANY**

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2: RUBBER PRODUCTS MANUFACTURE</b>					
OVEN, CURING, NATURAL GAS, IMMERSOPAK BURNER, 0.33 MMBTU/HR A/N: 512745	D59	C61	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: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	B27.7, C1.12, C6.2, D12.6, D323.2, E57.3
SCRUBBER, WIDTH: 3 FT ; HEIGHT: 8 FT 3 IN; LENGTH: 7 FT A/N: 09881A	C61	D54 D55 D56 D57 D58 D59 C62 D128		PM: (9) [RULE 404, 2-7-1986]	H23.7, K67.4
MIST ELIMINATOR A/N: 09881A	C62	C61 C63			
MIST ELIMINATOR A/N: 09881A	C63	C62 C64			
ELECTROSTATIC PRECIPITATOR, INDUSTRIAL SPECIALISTS, INC., MODEL SMOG HOG MS-6-2T A/N: 09881A	C64	C63		PM: (9) [RULE 404, 2-7-1986]	D323.1, E202.1, H23.7, K67.3
OVEN, CURING, ELECTRIC, BLUE M, 23.8 KW A/N: 118015	D65	C66			C6.3, D323.1
ELECTROSTATIC PRECIPITATOR, UNITED AIR SPECIALISTS, MODEL SH-20-P.E. A/N: 138768	C66	D65		PM: (9) [RULE 404, 2-7-1986]	D323.1, E202.1, H23.7, K67.3
ELECTROSTATIC PRECIPITATOR, UNITED AIR SPECIALISTS, MODEL SH-20-P.E. A/N: 138769	C67	D68		PM: (9) [RULE 404, 2-7-1986]	D323.1, E202.1, H23.7, K67.3
OVEN, ELECTRIC, BLUE M, RUBBER CURING, 13.75 KVA A/N: 138769	D68	C67			D323.1

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

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



**FACILITY PERMIT TO OPERATE**  
**KIRK HILL - TA COMPANY**

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2: RUBBER PRODUCTS MANUFACTURE</b>					
ELECTROSTATIC PRECIPITATOR, UNITED AIR SPECIALISTS, MODEL SH-20-P E A/N: 145364	C69	D70 D95 D96 D97		PM: (9) [RULE 404, 2-7-1986]	D323.1, E202.1, H23.7, K67.3
OVEN, CURING, ELECTRIC, RUBBER CURING, 28 KW A/N: 145364	D70	C69			D323.1
PRESS, NO. 1, SPONGE RUBBER CURING, STEAM HEATED A/N: 202578	D71				
PRESS, NO. 2, SPONGE RUBBER CURING, STEAM HEATED A/N: 202577	D72				
PRESS, NO. 77, SPONGE RUBBER CURING, STEAM HEATED A/N: 202564	D73				
PRESS, NO. 88, SPONGE RUBBER CURING, STEAM HEATED A/N: 202561	D74				
PRESS, NO. 96, SPONGE RUBBER CURING, STEAM HEATED A/N: 202563	D75				
PRESS, NO. 98, SPONGE RUBBER CURING, STEAM HEATED A/N: 202562	D76				
PRESS, NO. 106, SPONGE RUBBER CURING, STEAM HEATED A/N: 202579	D77				
PRESS, NO. 35, MECHANICAL SPONGE RUBBER CURING, STEAM HEATED A/N: 202582	D79				

- \* (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  
KIRKHILL - TA COMPANY**

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2: RUBBER PRODUCTS MANUFACTURE</b>					
PRESS, NO. 36, MECHANICAL SPONGE RUBBER CURING, STEAM HEATED A/N: 202584	D80				
PRESS, NO. 97, MECHANICAL SPONGE RUBBER CURING, STEAM HEATED A/N: 202591	D83				
PRESS, NO. 99, MECHANICAL SPONGE RUBBER CURING, STEAM HEATED A/N: 202593	D84				
PRESS, NO. SP11, MECHANICAL SPONGE RUBBER CURING, STEAM HEATED A/N: 202594	D85				
PRESS, NO. 109, MECHANICAL SPONGE RUBBER CURING, STEAM HEATED A/N: 202595	D86				
PRESS, NO. SP19, SPONGE RUBBER CURING, STEAM HEATED A/N: 202596	D87				
PRESS, NO. SP20, SPONGE RUBBER CURING, STEAM HEATED A/N: 202599	D88				
PRESS, NO. 104, SPONGE RUBBER CURING, STEAM HEATED A/N: 202600	D89				
OVEN, CURING, ELECTRIC, 18 KW A/N: 145364	D95	C69			D323.1
OVEN, CURING, ELECTRIC, 11.5 KW A/N: 145364	D96	C69			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 KIRKHILL - TA COMPANY

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: RUBBER PRODUCTS MANUFACTURE</b>					
OVEN, CURING, ELECTRIC, 1 KW A/N: 145364	D97	C69			D323.1
PRESS, NO. SP23, SPONGE RUBBER CURING, STEAM HEATED A/N: 202602	D99				
OVEN, CURING, DESPATCH, ELECTRIC, MODEL PSC3-24, SERIAL NO. 11109, 51KW A/N: 436876	D128	C61			C1.3, D323.2
ELECTROSTATIC PRECIPITATOR, UNITED AIR SPECIALISTS, SMOG-HOG, MODEL SH-40-PE-S A/N: 432258	C129	D53		PM: (9) [RULE 404, 10-5-1979]	D323.1, E202.1, H23.7, K67.1
OVEN, CURING, ELECTRIC, MODEL NO. E 4006-6, 18 KW A/N: 514860	D142	C150			B27.1, C1.10, D323.2
OVEN, CURING, ELECTRIC, MODEL NO. E 4006-6, 18 KW A/N: 514861	D143	C150			B27.1, C1.10, D323.2
OVEN, CURING, ELECTRIC, MODEL NO. E 4006-6, 12 KW A/N: 514863	D144	C150			B27.1, C1.10, D323.2
OVEN, CURING, ELECTRIC, MODEL NO. E 4004-4, 4 KW A/N: 514864	D145	C150			B27.1, C1.10, D323.2
OVEN, CURING, ELECTRIC, MODEL NO. E 4004-4, 8 KW A/N: 514865	D146	C150			C1.10, D323.2
PRESS, NO.76, SPONGE RUBBER CURING, STEAM HEATED A/N: 540533	D156			PM: (9) [RULE 405, 2-7-1986]	B27.5
<b>System 6: AIR POLLUTION CONTROL SYSTEM</b>					

\* (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  
KIRKHILL - TA COMPANY**

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: RUBBER PRODUCTS MANUFACTURE</b>					
BAGHOUSE, PULSE JET CLEANING SYS., FARR, MODEL 50 TENKAY CARTRIDGE TYPE, BAG LEAK DETECTION SYSTEM, GOYEN, MODEL BBD5, WITH 25 HP. BLOWER, 10000 SQ.FT.; 50 CARTRIDGE A/N: 514869	C100	D12 D20 D134 D137 D138		PM: (9) [RULE 404, 2-7-1986]	D12.1, D322.1, D381.2, E102.1, E160.1, H23.7, K67.1
<b>Process 3: Rule 219 Exempt Equipment Subject to Source-Specific Requirements</b>					
<b>System 1: RULE 219 EXEMPT EQUIPMENT</b>					
RULE 219 EXEMPT EQUIPMENT, SPRAY COATING EQUIPMENT, EDUCATIONAL, AND ANY DRYERS AND CONTROL ENCLOSURES	E103			ROG: (9) [RULE 1145, 2-14-1997; RULE 1171, 6-13-1997; RULE 1171, 10-8-1999]	
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E104			ROG: (9) [RULE 1113, 11-8-1996; RULE 1113, 5-14-1999; RULE 1171, 6-13-1997; RULE 1171, 10-8-1999]	K67.2
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING, SHOT BLAST, RUBBER/PLASTIC REMOVAL, AND CONTROL EQUIPMENT	E105			PM: (9) [RULE 1140, 8-2-1985; RULE 404, 2-7-1986; RULE 405, 2-7-1986]	D381.2, E102.1, K67.1
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, <= 53 FT3, WITH DUST FILTER	E106			PM: (9) [RULE 1140, 8-2-1985; RULE 404, 2-7-1986; RULE 405, 2-7-1986]	D381.2, E102.1, K67.1
RULE 219 EXEMPT EQUIPMENT, OIL WATER SEPARATORS, GRAVITY-TYPE, < 45 FT2 AIR/LIQUID INTERFACIAL AREA	E107				H23.2

\* (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  
KIRKHILL - TA COMPANY**

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 3: Rule 219 Exempt Equipment Subject to Source-Specific Requirements</b>					
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, WET, AND ANY CONTROL EQUIPMENT	E108			PM: (9) [RULE 1140, 8-2-1985, RULE 405, 2-7-1986]	D323.1
RULE 219 EXEMPT EQUIPMENT, PRINTING EQUIPMENT, WITH RELATED COATING, LAMINATING AND DRYING EQUIPMENT	E109			ROG: (9) [RULE 1130, 3-8-1996; RULE 1130, 10-8-1999; RULE 1171, 6-13-1997; RULE 1171, 10-8-1999]	
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS	E110				H23.3
RULE 219 EXEMPT EQUIPMENT, PRESSES, RAM DIA < 26 IN., TEMP < 400 DEG. F.	E153				

\* (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.



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**FACILITY PERMIT TO OPERATE  
KIRKHILL - TA COMPANY**

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**SECTION D: DEVICE ID INDEX**

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



**FACILITY PERMIT TO OPERATE**  
**KIRKHILL - TA COMPANY**  
**SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1	1	1	0
D2	1	1	0
D12	3	2	2
D13	4	2	2
D14	4	2	2
D15	4	2	2
D16	4	2	2
D17	4	2	2
D18	4	2	2
D19	4	2	2
D20	4	2	2
D21	4	2	2
D23	4	2	2
C24	4	2	2
D25	4	2	2
D31	6	2	3
D32	6	2	3
D33	6	2	3
D34	6	2	3
C35	6	2	3
D36	6	2	3
D37	6	2	3
D38	6	2	3
D39	6	2	3
D42	7	2	3
D43	7	2	3
C44	7	2	3
C45	7	2	3
C46	7	2	3
D50	8	2	4
D53	8	2	5
D54	8	2	5
D55	8	2	5
D56	8	2	5
D57	8	2	5



**FACILITY PERMIT TO OPERATE  
KIRKHILL - TA COMPANY**

**SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D58	8	2	5
D59	9	2	5
C61	9	2	5
C62	9	2	5
C63	9	2	5
C64	9	2	5
D65	9	2	5
C66	9	2	5
C67	9	2	5
D68	9	2	5
C69	10	2	5
D70	10	2	5
D71	10	2	5
D72	10	2	5
D73	10	2	5
D74	10	2	5
D75	10	2	5
D76	10	2	5
D77	10	2	5
D79	10	2	5
D80	11	2	5
D83	11	2	5
D84	11	2	5
D85	11	2	5
D86	11	2	5
D87	11	2	5
D88	11	2	5
D89	11	2	5
D95	11	2	5
D96	11	2	5
D97	12	2	5
D99	12	2	5
C100	13	2	6
E103	13	3	1
E104	13	3	1



**FACILITY PERMIT TO OPERATE**  
**KIRK HILL - TA COMPANY**  
**SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
E105	13	3	1
E106	13	3	1
E107	13	3	1
E108	14	3	1
E109	14	3	1
E110	14	3	1
C124	7	2	3
C125	7	2	3
D126	3	2	1
C127	7	2	3
D128	12	2	5
C129	12	2	5
D130	2	2	1
D131	2	2	1
D132	2	2	1
D133	2	2	1
D134	3	2	1
D135	3	2	1
C136	3	2	1
D137	3	2	1
D138	5	2	2
C139	5	2	2
D141	5	2	2
D142	12	2	5
D143	12	2	5
D144	12	2	5
D145	12	2	5
D146	12	2	5
D147	5	2	2
D149	5	2	2
C150	7	2	3
D152	5	2	2
E153	14	3	1
D154	5	2	2
C155	6	2	2



**FACILITY PERMIT TO OPERATE**  
**KIRK HILL TA COMPANY**

**SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D156	12	2	5



## **FACILITY PERMIT TO OPERATE**

### **KIRK HILL - TA COMPANY**

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

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

#### **FACILITY CONDITIONS**

F1.1 The operator shall limit the material processed to no more than 855,500 lb(s) in any one month.

The operator shall maintain records in a manner approved by the District to demonstrate compliance with this condition.

For the purpose of this condition, material processed shall be defined as all material processed through equipment vented to air pollution control device C100.

For the purpose of this condition, equipment vented to air pollution control device C100 shall be defined as Devices D12, D20, D134, D137 and D138.

F1.2 The operator shall limit the material processed to no more than 284,507 lb(s) in any one month.

The operator shall maintain records in a manner approved by the District to demonstrate compliance with this condition.

For the purpose of this condition, material processed shall be defined as all material processed through equipment vented to air pollution control device C139.

For the purpose of this condition, equipment vented to air pollution control device C139 shall be defined as Devices D21, D25, D141, D147, D149 and D152.

#### **DEVICE CONDITIONS**

##### **A. Emission Limits**

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



**FACILITY PERMIT TO OPERATE  
KIRKHILL - TA COMPANY**

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

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

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 0.1 LBS IN ANY ONE DAY
CO	Less than or equal to 0.48 LBS IN ANY ONE DAY
PM	Less than or equal to 0.1 LBS IN ANY ONE DAY
SOX	Less than or equal to 0.011 LBS IN ANY ONE DAY

[RULE 109, 5-2-2003; RULE 1124, 9-21-2001; RULE 1145, 12-4-2009; RULE 442, 12-15-2000; RULE 481, 1-11-2002]

[Devices subject to this condition : D58]

A63.3 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT	AMOUNT	TIME SPAN
T ROG	Less than or equal to	202	LBS IN ANY 30-DAY PERIOD

For the purposes of this condition, ROG shall be defined as less water and exempt solvent.

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

[Devices subject to this condition : D50]

**B. Material/Fuel Type Limits**

B27.1 The operator shall not use materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401, as amended 06/05/2009.



**FACILITY PERMIT TO OPERATE**  
**KIRKHILL - TA COMPANY**

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

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

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D142, D143, D144, D145]

B27.3 The operator shall not use materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401 (except for those compounds listed below), as amended 09/10/2010.

The operator shall not exceed the usage limit specified below for the listed compounds.

COMPOUND	CAS NO.
Acrylonitrile	107-13-1
Arsenic	7440-38-2
Bis(2-chloroethyl)phthalate (DEHP)	117-81-7
Cadmium and Cadmium Compounds	7440-43-9
Carbon Tetrachloride	56-23-5
Chloroprene	126-99-8
Ethylene Thiourea	96-45-7
Lead and Lead Compounds	7439-92-1
Lead Chromate	7758-97-6
Nickel and Nickel Compounds	7440-02-0
Zinc and Zinc Compounds	7440-66-6

[RULE 1401, 9-10-2010]



**FACILITY PERMIT TO OPERATE**  
**KIRKHILL TA COMPANY**

**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 : D12, D20, D21, D25, D138, D141, D147, D149, D152]

B27.4 The operator shall not use powder materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401, as amended 09/10/2010.

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D154]

B27.5 The operator shall not use materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401 (except for those compounds listed below), as amended 09/10/2010.

1. Lead Chromate (CAS NO. 7758-97-6)

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D156]

B27.7 The operator shall not use materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401 (except for those compounds listed below), as amended 06/05/2009.



**FACILITY PERMIT TO OPERATE**  
**KIRK HILL - TA COMPANY**

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

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

1. Acrylonitrile (CAS NO. 107-13-1)
2. Bis(2-ethylhexyl)phthalate (CAS NO. 117-81-7)
3. Cadmium and Cadmium Compounds (CAS NO. 7440-43-9)
4. Carbon tetrachloride (CAS NO. 56-23-5)
5. Ethylene thiourea (CAS NO. 96-45-7)
6. Lead and Lead compounds (CAS NO. 7439-92-1)
7. Lead chromate (CAS NO. 7758-97-6)

[RULE 1401, 6-5-2009]

[Devices subject to this condition : D59]

B59.2 The operator shall not use the following material(s) in this device :

photochemically reactive organic solvents and/or coatings containing  
photochemically reactive organic solvents

[RULE 442, 12-15-2000]

[Devices subject to this condition : D50]

**C. Throughput or Operating Parameter Limits**

C1.2 The operator shall limit the material processed to no more than 4800 lb(s) in any one day.

For the purpose of this condition, material processed shall be defined as total quantity of all materials processed in this oven.



**FACILITY PERMIT TO OPERATE**  
**KIRK HILL TA COMPANY**

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

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

[RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D53]

C1.3 The operator shall limit the material processed to no more than 4000 lb(s) in any one day.

For the purpose of this condition, material processed shall be defined as total quantity of rubber processed in this equipment.

[RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D54, D55, D56, D128]

C1.5 The operator shall limit the material processed to no more than 20,000 lb(s) in any one day.

The operator shall maintain adequate records to verify compliance with this condition. Such records shall be kept on the premises for at least two years and be made available to the executive officer or his representative upon request.

Materials processed in this equipment shall not contain any compounds identified as carcinogenic or toxic air contaminants in Rule 1401, as amended March 4, 2005.

[**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 1401, 9-10-2010**]

[Devices subject to this condition : D130]

C1.6 The operator shall limit the material processed to no more than 168,000 lb(s) in any one month.



**FACILITY PERMIT TO OPERATE**  
**KIRK HILL - TA COMPANY**

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

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

The operator shall maintain adequate records to verify compliance with this condition. Such records shall be kept on the premises for at least two years and be made available to the executive officer or his representative upon request.

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

[Devices subject to this condition : D130]

- C1.9 The operator shall limit the material processed to no more than 22,222 lb(s) in any one day.

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

[Devices subject to this condition : D12]

- C1.10 The operator shall limit the material processed to no more than 340 lb(s) in any one day.

This limit shall be based on the total combined limit for equipment D142, D143, D144, D145, D146.

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

[Devices subject to this condition : D142, D143, D144, D145, D146]

- C1.12 The operator shall limit the fuel usage to no more than 7,550 cubic feet in any one day.

[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 : D59]



**FACILITY PERMIT TO OPERATE**  
**KIRK HILL TA COMPANY**

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

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

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

[Devices subject to this condition : D50]

- C6.2 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 450 Deg F.

The operator shall automatically regulate the temperature by a fully modulated control system.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature of the oven.

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

[Devices subject to this condition : D59]

- C6.3 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 600 Deg F.

The operator shall automatically regulate the temperature by a fully modulated control system.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature of the oven.

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



**FACILITY PERMIT TO OPERATE**  
**KIRKHILL - TA COMPANY**

**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 : D65]

**D. Monitoring/Testing Requirements**

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

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

[Devices subject to this condition : C24, C100, C139]

D12.5 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the filter.

The pressure drop across the filter shall not exceed 3 inches of water column.

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

[Devices subject to this condition : C136]

D12.6 The operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage in the curing oven.

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

The operator shall maintain adequate records to verify the gas usage once a day. Such records shall be kept on the premises for at least two years and be made available to the executive officer or his representative upon request.

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



**FACILITY PERMIT TO OPERATE**  
**KIRK HILL TA COMPANY**

**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 : D59]

D12.7 The operator shall install and maintain a(n) pressure gauge to accurately indicate the differential pressure across the filter.

The pressure drop across the filters shall not exceed 4 inches of water column

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

[Devices subject to this condition : C155]

D111.1 The operator shall comply with the tune-up requirements of Rule 1146. Records shall be maintained for the date of each tune-up, the company performing the tune-up, and the tune-up results for NOX, CO and O2.

**[RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]**

[Devices subject to this condition : D1, D2]

D322.1 The operator shall perform a weekly 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 : D50, C100, C139, C155]



## **FACILITY PERMIT TO OPERATE**

### **KIRKHILL - TA COMPANY**

#### **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.



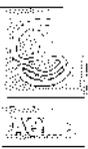
**FACILITY PERMIT TO OPERATE**  
**KIRKHILL - TA COMPANY**

**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 : C35, D36, C64, D65, C66, C67, D68, C69, D70,  
D95, D96, D97, E108, C129]



**FACILITY PERMIT TO OPERATE**  
**KIRKHILL - TA COMPANY**

**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  
KIRKHILL TA COMPANY**

**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 : D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D23, D25, D32, D33, D34, D37, D38, D39, D42, D43, C44, C45, D53, D54, D55, D56, D57, D58, D59, C124, D126, C127, D128, D130, D131, D132, D133, D134, D138, D141, D142, D143, D144, D145, D146, D147, D149, C150, D152, D154]

D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 1146 concentration limit. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

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

[Devices subject to this condition : D1, D2]



**FACILITY PERMIT TO OPERATE**  
**KIRKHILL - TA COMPANY**

**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 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, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

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

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

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

[Devices subject to this condition : C24, C100, E105, E106, C139, C155]



## FACILITY PERMIT TO OPERATE KIRK HILL - TA COMPANY

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

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

D381.4 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 : C136]

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

E57.1 The operator shall vent this equipment to the baghouse whenever it is in operation.

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

[Devices subject to this condition : D134, D137]



**FACILITY PERMIT TO OPERATE**  
**KIRKHILL - TA COMPANY**

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

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

E57.2 The operator shall vent this equipment to the integrated Bag-Vac baghouse whenever the carbon black bags are fully discharged.

The Bag-Vac baghouse shall fully vent each bag containing carbon black powder material to ensure complete collection of residual powder material prior to the collapse and removal of the bag.

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

[Devices subject to this condition : D133]

E57.3 The operator shall vent this equipment to the scrubber system whenever it is in operation.

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

[Devices subject to this condition : D59]

E57.4 The operator shall vent this equipment to the baghouse whenever powder is processed in the roll mill.

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

[Devices subject to this condition : D154]

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

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

[Devices subject to this condition : C24, C100, E105, E106, C136, C139, C155]



**FACILITY PERMIT TO OPERATE**  
**KIRK HILL - TA COMPANY**

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

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

E113.1 The operator shall have the burner equipped with a control system to automatically regulate the combustion air, fuel and, if applicable, recirculated flue gas as the boiler load varies. This control system shall be adjusted and tuned at least twice a year according to the manufacturer's specifications to maintain its ability to repeat the same performance at the same firing rate.

**[RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]**

[Devices subject to this condition : D1, D2]

E160.1 The operator shall clean the filters whenever the static differential pressure across the bags is 4 inches water column or greater.

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

[Devices subject to this condition : C24, C100, C139, C155]

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

[Devices subject to this condition : D50]

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

Clean at least once every 3 months



**FACILITY PERMIT TO OPERATE**  
**KIRK HILL - TA COMPANY**

**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 : C35, C64, C66, C67, C69, C127, C129, C150]

**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	109
VOC	District Rule	442
PM	District Rule	481
VOC	District Rule	1124
VOC	District Rule	1145

[RULE 109, 5-2-2003; RULE 1124, 9-21-2001; RULE 1145, 2-14-1997; RULE 1145, 12-4-2009; RULE 442, 12-15-2000; RULE 481, 1-11-2002]

[Devices subject to this condition : D50]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	464

[RULE 464, 12-7-1990]



**FACILITY PERMIT TO OPERATE  
KIRKHILL TA COMPANY**

**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 : E107]

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1415

[RULE 1415, 12-3-2010]

[Devices subject to this condition : E110]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109
PM	District Rule	481

[RULE 109, 5-2-2003; RULE 481, 1-11-2002]

[Devices subject to this condition : D50]

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1155

[RULE 1155, 12-4-2009]



**FACILITY PERMIT TO OPERATE**  
**KIRKHILL - TA COMPANY**

**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 : C24, C61, C64, C66, C67, C69, C100, C124, C127, C129, C139, C150, C155]

**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):

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 : C45, D50, C100, E105, E106, C124, C127, C129, C136, C139, C150, C155]

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



**FACILITY PERMIT TO OPERATE  
KIRKHILL TA COMPANY**

**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 : E104]

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

Quarterly cleaning and maintenance

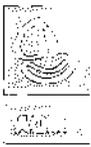
**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C35, C64, C66, C67, C69]

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

Daily flow rate of scrubbing water

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



**FACILITY PERMIT TO OPERATE**  
**KIRKHILL - TA COMPANY**

**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 : C61]

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

Daily record of pressure drop across the filter media

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

[Devices subject to this condition : D50]



**FACILITY PERMIT TO OPERATE  
KIRKHILL - TA COMPANY**

**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
<b>Process 2: RUBBER PRODUCTS MANUFACTURE</b>					
<b>System 5: RUBBER CURING SYSTEM</b>					
OVEN, CURING, DESPATCH, ELECTRIC, MODEL PSC3-24, SERIAL NO. 11109, 51KW. A/N: 540527 Permit to Construct Issued: 10/23/12	D128	C157		PM: (9) [RULE 405, 2-7-1986]	B27.6, C1.3, D323.2
SCRUBBER, CENTRIFUGAL, AMERICAN AIR FILTER, MODEL TYPE W ROTOCLONE A/N: 540528 Permit to Construct Issued: 10/23/12	C157	D128 C158		PM: (9) [RULE 404, 2-7-1986]	H23.7, K67.4
ELECTROSTATIC PRECIPITATOR, UNITED AIR SPECIALISTS, MODEL PSG-12-2 A/N: 540529 Permit to Construct Issued: 10/23/12	C158	C157 C159		PM: (9) [RULE 404, 2-7-1986]	D323.1, E202.1, H23.7, K67.3
FILTER, HEPA, AMERICAN AIR FILTER, MODEL FILTER LINE FLH A/N: 540530 Permit to Construct Issued: 10/23/12	C159	C158		PM: (9) [RULE 404, 2-7-1986]	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.



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**FACILITY PERMIT TO OPERATE**  
**KIRKHILL - TA COMPANY**

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**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  
KIRK HILL TA COMPANY**

**SECTION H: DEVICE ID INDEX**

<b>Device Index For Section H</b>			
<b>Device ID</b>	<b>Section H Page No.</b>	<b>Process</b>	<b>System</b>
D128	1	2	5
C157	1	2	5
C158	1	2	5
C159	1	2	5



**FACILITY PERMIT TO OPERATE**  
**KIRK HILL - TA COMPANY**

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

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

**FACILITY CONDITIONS**

F1.1 The operator shall limit the material processed to no more than 855,500 lb(s) in any one month.

The operator shall maintain records in a manner approved by the District to demonstrate compliance with this condition.

For the purpose of this condition, material processed shall be defined as all material processed through equipment vented to air pollution control device C100.

For the purpose of this condition, equipment vented to air pollution control device C100 shall be defined as Devices D12, D20, D134, D137 and D138.

F1.2 The operator shall limit the material processed to no more than 284,507 lb(s) in any one month.

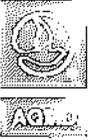
The operator shall maintain records in a manner approved by the District to demonstrate compliance with this condition.

For the purpose of this condition, material processed shall be defined as all material processed through equipment vented to air pollution control device C139.

For the purpose of this condition, equipment vented to air pollution control device C139 shall be defined as Devices D21, D25, D141, D147, D149 and D152.

**DEVICE CONDITIONS**

**B. Material/Fuel Type Limits**



## FACILITY PERMIT TO OPERATE KIRKHILL - TA COMPANY

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

B27.6 The operator shall not use materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401 (except for those compounds listed below), as amended 09/10/2010.

1. 1,3 Butadiene (CAS NO. 106-99-0)
2. Acrylonitrile (CAS NO. 107-13-1)
3. Ammonia (CAS NO. 7664-41-7)
4. Aniline (CAS NO. 62-53-3)
5. Arsenic and Arsenic Compounds (CAS NO. 7440-38-3)
6. Cadmium and Cadmium Compounds (CAS NO. 7440-43-9)
7. Chloroprene (CAS NO. 126-99-8)
8. Chromium and Chromium Compounds (CAS NO. 18540-29-9)
9. Copper and Copper Compounds (CAS NO. 7440-50-8)
10. DEHP (CAS NO. 117-81-7)
11. Ethylene Thiourea (CAS NO. 96-45-7)
12. Hydrogen Fluoride (CAS NO. 7664-39-3)
13. Lead and Lead Compounds (CAS NO. 7439-92-1)
14. Lead Chromate (CAS NO. 7758-97-6)
15. Manganese and Manganese Compounds (CAS NO. 7439-96-5)
16. Nickel and Nickel Compounds (CAS NO. 7440-02-0)
17. Toluene (CAS NO. 108-88-3)
18. Zinc and Zinc Compounds (CAS NO. 7440-66-6)

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D128]

#### **C. Throughput or Operating Parameter Limits**

C1.3 The operator shall limit the material processed to no more than 4000 lb(s) in any one day.



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**FACILITY PERMIT TO OPERATE**  
**KIRK HILL - TA COMPANY**

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

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

For the purpose of this condition, material processed shall be defined as total quantity of rubber processed in this equipment.

[RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D128]

**D. Monitoring/Testing Requirements**



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

**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.

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



**FACILITY PERMIT TO OPERATE**  
**KIRKHILL - TA COMPANY**

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

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

[Devices subject to this condition : C158]

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**  
**KIRK HILL TA COMPANY**

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

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 : D128, C159]

**E. Equipment Operation/Construction Requirements**

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

Clean at least once every 3 months

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

[Devices subject to this condition : C158]

**H. Applicable Rules**

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1155

[RULE 1155, 12-4-2009]

[Devices subject to this condition : C157, C158]

**K. Record Keeping/Reporting**

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

Quarterly cleaning and maintenance

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



**FACILITY PERMIT TO OPERATE**  
**KIRK HILL - TA COMPANY**

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

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

[Devices subject to this condition : C158]

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

Daily flow rate of scrubbing water

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

[Devices subject to this condition : C157]