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## FACILITY PERMIT TO OPERATE

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**WEYERHAEUSER COMPANY  
601 E BALL RD  
ANAHEIM, CA 92805**

### 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 *Carol Coy* *FCO*  
Carol Coy  
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Engineering & Compliance

## FACILITY PERMIT TO OPERATE WEYERHAEUSER COMPANY

### TABLE OF CONTENTS

Section	Description	Revision #	Date Issued
A	Facility Information	6	04/25/2007
B	RECLAIM Annual Emission Allocation	13	07/01/2007
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	12	09/04/2007
E	Administrative Conditions	9	11/12/2004
F	RECLAIM Monitoring and Source Testing Requirements	5	11/12/2004
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	5	11/12/2004
H	Permit To Construct and Temporary Permit to Operate	7	04/12/2007
I	Compliance Plans & Schedules	4	11/12/2004
J	Air Toxics	1	11/12/2004
K	Title V Administration	4	04/12/2007
Appendix			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	3	11/12/2004
B	Rule Emission Limits	3	04/12/2007

## FACILITY PERMIT TO OPERATE WEYERHAEUSER 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 1 : PAPER BOX MANUFACTURING</b>					
<b>System 1 : MIXING SYSTEM</b>					
TANK, HEATED, SURGE, NO.1, STARCH ADHESIVE, 2000 GALS A/N:	D2				
TANK, HEATED, SURGE, NO.2, STARCH ADHESIVE, 2000 GALS A/N:	D3				
TANK, HEATED, SURGE, NO. 3, STARCH ADHESIVE, 2000 GALS A/N:	D4				
TANK, HEATED, SURGE, NO. 4, STARCH ADHESIVE, 2000 GALS A/N:	D5				
TANK, HEATED, SURGE, NO. 5, STARCH ADHESIVE, 2000 GALS A/N: 441333	D41				
COATER, CORRUGATOR, NO. 1, UNITED MACHINERY, 98 IN. WIDTH A/N:	D42			<b>ROG: (9) [RULE 1128,3-8-1996;RULE 1168,10-3-2003;RULE 1168,1-7-2005;RULE 1171,11-7-2003;RULE 1171,7-14-2006]</b>	A63.3, B59.1, B89.3, K67.2
COATER, CORRUGATOR, NO. 2, UNITED MACHINERY, 98 IN. WIDTH A/N:	D43			<b>ROG: (9) [RULE 1128,3-8-1996;RULE 1168,10-3-2003;RULE 1168,1-7-2005;RULE 1171,11-7-2003;RULE 1171,7-14-2006]</b>	A63.3, B59.1, B89.3, K67.2
STORAGE SILO, 180,000 LBS. CAPACITY, STARCH, 12 FT. DIA. X 56 FT. H., WITH FABRIC FILTER A/N: 331381	D44			<b>PM: (9) [RULE 404,2-7-1986;RULE 405,2-7-1986]</b>	D322.1, D381.1, K67.3

\* (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 WEYERHAEUSER COMPANY

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 1 : PAPER BOX MANUFACTURING</b>					
MIXER, NO.1, STARCH, 770 GALS A/N:	D1			PM: (9) [RULE 405,2-7-1986]	D323.1
<b>System 2 : COATING SYSTEM</b>					
COATER, ROD, MICHELMAN, MRC 1000 A MODEL, 98-INCH SHEET WIDTH, 42 TOTAL HP A/N: 331379	D45			ROG: (9) [RULE 1128,3-8-1996;RULE 1171,11-7-2003;RULE 1171,7-14-2006]	A63.4, A63.5, B59.2, K67.2
COATER, FLOW, WAX CASCADER, RESCO, SERIAL NO. M417241875288, 60 IN. SHEET HEIGHT A/N: 468833	D53			ROG: (9) [RULE 1171,11-7-2003;RULE 1171,7-14-2006]	H23.2
<b>System 3 : PRINTING SYSTEM</b>					
PRINTING PRESS, FLEXOGRAPHIC, NO.2 A/N: 203603	D7			ROG: (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,7-14-2006]	
PRINTING PRESS, FLEXOGRAPHIC, NO.3 A/N: 203604	D8			ROG: (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,7-14-2006]	
PRINTING PRESS, FLEXOGRAPHIC, NO. 4 A/N: 203605	D9			ROG: (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,7-14-2006]	B59.4
PRINTING PRESS, FLEXOGRAPHIC, NO.7 A/N: 252357	D12			ROG: (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,7-14-2006]	B27.1, B89.1

\* (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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## FACILITY PERMIT TO OPERATE WEYERHAEUSER 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 1 : PAPER BOX MANUFACTURING</b>					
PRINTING PRESS, FLEXOGRAPHIC, NO.8 A/N: 252358	D13			<b>ROG:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,7-14-2006]	B59.3, B89.1
PRINTING PRESS, FLEXOGRAPHIC, NO.9 A/N: 255011	D14			<b>ROG:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,7-14-2006]	B27.1, B163.2
PRINTING PRESS, FLEXOGRAPHIC, NO.13 A/N: 277039	D17			<b>ROG:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,7-14-2006]	B59.3
PRINTING PRESS, FLEXOGRAPHIC, NO.14 A/N: 277042	D18			<b>ROG:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,7-14-2006]	B59.3
PRINTING PRESS, FLEXOGRAPHIC, UNITED ROTARY DIE CUTTER A/N: 297321	D39			<b>ROG:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,7-14-2006]	B27.1
PRINTING PRESS, FLEXOGRAPHIC, NO. 11 A/N: 362821	D40			<b>ROG:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,7-14-2006]	A63.2, B59.3, B89.2
PRINTING PRESS, AIR DRIED, UNITED, MODEL CLW GRAPHIXMASTER, 3-COLOR, 66" SHEET WIDTH A/N: 436464	D51			<b>ROG:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,7-14-2006]	

\* (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 WEYERHAEUSER 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 1 : PAPER BOX MANUFACTURING</b>					
PRESS, UNITED, AIR DRIED, MODEL GRAPHIXMASTER, 4-COLOR, 66" SHEET WIDTH A/N: 452221	D52				B59.5, B89.4
<b>Process 2 : EXTERNAL COMBUSTION</b>					
<b>System 1 : BOILERS</b>					
BOILER, NATURAL GAS, PROPANE, CLEAVER BROOKS, WITH FLUE GAS RECIRCULATION, 14.65 MMBTU/HR A/N: 242679	D20		NOX: LARGE SOURCE**	<b>CO: 2000 PPMV (5A) [RULE 407,4-2-1982] ; CO: 400 PPMV (5) [RULE 1146,11-17-2000] ; NOX: 40 PPMV PROPANE (3) [RULE 2012,5-6-2005]</b>  <b>NOX: 30 PPMV (4) [RULE 1303(a)(1)-BACT,12-6-2002] ; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012,5-6-2005] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]</b>	A63.1, D12.1, D12.3, D328.1, E73.1, E113.1
BOILER, LIQUIFIED PETROLEUM GAS, NATURAL GAS, CLEAVER BROOKS, 700-HP, WITH FLUE GAS RECIRCULATION, 29.3 MMBTU/HR A/N: 331380	D27		NOX: LARGE SOURCE**	<b>CO: 2000 PPMV (5A) [RULE 407,4-2-1982] ; CO: 400 PPMV (5) [RULE 1146,11-17-2000] ; NOX: 26 PPMV NATURAL GAS (3) [RULE 2012,5-6-2005]</b>	D328.1, E113.1

\* (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 WEYERHAEUSER 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 : EXTERNAL COMBUSTION</b>					
				<b>NOX:</b> 30 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002] ; <b>NOX:</b> 40 PPMV LPG (3) [RULE 2012,5-6-2005] ; <b>PM:</b> 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]	
<b>Process 3 : INTERNAL COMBUSTION</b>					
<b>System 1 : ICE</b>					
INTERNAL COMBUSTION ENGINE, TURBOCHARGED, DIESEL FUEL, CUMMINS, 220 HP A/N: 204636	D21		NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV (5) [RULE 1110.2,6-3-2005] ; <b>NOX:</b> 469 LBS/1000 GAL DIESEL (1) [RULE 2012,5-6-2005] ; <b>PM:</b> (9) [RULE 404,2-7-1986]  <b>VOC:</b> 250 PPMV (5) [RULE 1110.2,6-3-2005]	C1.1, D12.2, D135.1, D323.1
<b>Process 5 : R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES</b>					
RULE 219 EXEMPT EQUIPMENT, PRINTING EQUIPMENT, WITH RELATED COATING, LAMINATING AND DRYING EQUIPMENT	E33			<b>ROG:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,7-14-2006]	
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E34			<b>ROG:</b> (9) [RULE 1171,11-7-2003;RULE 1171,7-14-2006]	H23.1

\* (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 WEYERHAEUSER 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 5 : R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES</b>					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E35			<b>ROG:</b> (9) [RULE 1168,10-3-2003;RULE 1168,1-7-2005;RULE 1171,11-7-2003;RULE 1171,7-14-2006]	
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E36			<b>ROG:</b> (9) [RULE 1113,11-8-1996;RULE 1113,6-9-2006;RULE 1171,11-7-2003;RULE 1171,7-14-2006]	K67.1
RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS	E37			<b>ROG:</b> (9) [RULE 1171,11-7-2003;RULE 1171,7-14-2006]	
RULE 219 EXEMPT EQUIPMENT, SMALL BOILERS, WATER HEATERS AND PROCESS HEATERS, SCAQMD RULE 1146.2 TYPE 2	E46			<b>CO:</b> 2000 PPMV NATURAL GAS (5A) [RULE 407,4-2-1982] ; <b>CO:</b> 400 PPMV NATURAL GAS (5) [RULE 1146.2,1-9-1998;RULE 1146.2,1-7-2005]  <b>NOX:</b> 30 PPMV NATURAL GAS (5) [RULE 1146.2,1-9-1998;RULE 1146.2,1-7-2005] ; <b>PM:</b> 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981]	
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E47			<b>ROG:</b> (8) [40CFR 82 Subpart F,5-14-1993] ; <b>ROG:</b> (6) [RULE 1415,10-14-1994]	

\* (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 WEYERHAEUSER 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 5 : R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES</b>					
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS	E48			<b>ROG:</b> (8) [40CFR 82 Subpart F,5-14-1993] ; <b>ROG:</b> (6) [RULE 1415,10-14-1994]	
RULE 219 EXEMPT EQUIPMENT, LAMINATING EQUIPMENT, LOW USE OR EMISSIONS	E49			<b>CR6+ :</b> (6) [RULE 1404,4-6-1990]	
RULE 219 EXEMPT EQUIPMENT	E50			<b>ROG:</b> (9) [RULE 1168,10-3-2003;RULE 1168,1-7-2005;RULE 1171,11-7-2003;RULE 1171,7-14-2006]	

\* (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  
WEYERHAEUSER COMPANY**

**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  
 WEYERHAEUSER COMPANY**

**SECTION D: DEVICE ID INDEX**

<b>Device Index For Section D</b>			
<b>Device ID</b>	<b>Section D Page No.</b>	<b>Process</b>	<b>System</b>
D1	2	1	1
D2	1	1	1
D3	1	1	1
D4	1	1	1
D5	1	1	1
D7	2	1	3
D8	2	1	3
D9	2	1	3
D12	2	1	3
D13	3	1	3
D14	3	1	3
D17	3	1	3
D18	3	1	3
D20	4	2	1
D21	5	3	1
D27	4	2	1
E33	5	5	0
E34	5	5	0
E35	6	5	0
E36	6	5	0
E37	6	5	0
D39	3	1	3
D40	3	1	3
D41	1	1	1
D42	1	1	1
D43	1	1	1
D44	1	1	1
D45	2	1	2
E46	6	5	0
E47	6	5	0
E48	7	5	0
E49	7	5	0
E50	7	5	0
D51	3	1	3
D52	4	1	3
D53	2	1	2

## FACILITY PERMIT TO OPERATE WEYERHAEUSER COMPANY

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

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

#### FACILITY CONDITIONS

F2.1 The operator shall limit emissions from this facility as follows:

CONTAMINANT	EMISSIONS LIMIT
Single Volatile Hazardous Air Pollutant (VHAP)	Less than or equal to 10 TONS IN ANY 12-MONTH PERIOD
Combination of Volatile Hazardous Air Pollutants (VHAPs)	Less than or equal to 25 TONS IN ANY 12-MONTH PERIOD

To maintain exemption from the requirements of 40 CFR 63, Subpart KK, the operator shall comply with the Volatile Hazardous Air Pollutant (VHAP) emission limits of this condition. To ensure compliance with the VHAP emission limits of this condition, the operator shall comply with the following recordkeeping requirements:

- (a) Comply with Rule 109 (Recordkeeping for Volatile Organic Compound Emissions).
- (b) Within 14 calendar days after the end of each month, total and record VHAP emissions for the month and for the previous 12 month period from all equipment and operations that are required to have written permits or are exempt from written permits pursuant to Rule 219. The record shall include any procedures used to account for control device efficiencies and/or waste disposal. It shall be signed and certified for accuracy by the highest ranking individual responsible for compliance with District rules.
- (c) Maintain a single list which includes only the name and address of each person from whom the facility acquired VHAP-containing material regulated by the District that was used or stored at the facility during the preceding 12 months.
- (d) Retain all purchase invoices for all VHAP-containing material used or stored at the facility, and all waste manifests for all waste VHAP-containing material removed from the facility.
- (e) Retain all records required by this permit at the facility for five years, and make all records available to any District representative upon request.

[40CFR 63 Subpart KK, 10-17-2000]

## FACILITY PERMIT TO OPERATE WEYERHAEUSER COMPANY

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

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

F2.2 The operator shall limit emissions from this facility as follows:

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 833 LBS IN ANY ONE MONTH

For the purposes of this condition, the limit(s) shall be based on the total combined emissions from all equipments subject to Rule 442

To ensure compliance with the monthly Volatile Organic Compound(VOC) emission limit(s) of this condition, the operator shall comply with the following recordkeeping requirements:

- (1) The operator shall comply with Rule 109 (Recordkeeping for Volatile Organic Compound Emissions).
- (2) Within 14 calendar days after the end of each month, the operator shall total and record VOC emissions for the month from all equipment and operations covered by the monthly emission limit(s). The record shall include any procedures used to account for control device efficiencies and/or waste disposal. It shall be signed and certified for accuracy by the highest ranking individual responsible for compliance with District rules.
- (3) The operator shall maintain a single list which includes only the name and address of each person from whom the facility acquired VOC-containing material regulated by the District that was used or stored at the facility during the preceding 12 months.
- (4) The operator shall retain all purchase invoices for all VOC-containing material used or stored at the facility, and all waste manifests for all waste VOC-containing material removed from the facility, for five years.

**[RULE 442, 12-15-2000]**

## **FACILITY PERMIT TO OPERATE WEYERHAEUSER COMPANY**

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

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

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

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

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

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

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

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

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

[RULE 431.2, 9-15-2000]

### **SYSTEM CONDITIONS**

## FACILITY PERMIT TO OPERATE WEYERHAEUSER COMPANY

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

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

S2.1 The operator shall limit emissions from this system as follows

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 1500 LBS IN ANY ONE MONTH

To ensure compliance with the monthly Volatile Organic Compound(VOC) emission limit(s) of this condition, the operator shall comply with the following recordkeeping requirements:

- (1) The operator shall comply with Rule 109 (Recordkeeping for Volatile Organic Compound Emissions).
- (2) Within 14 calendar days after the end of each month, the operator shall total and record VOC emissions for the month from all equipment and operations covered by the monthly emission limit(s). The record shall include any procedures used to account for control device efficiencies and/or waste disposal. It shall be signed and certified for accuracy by the highest ranking individual responsible for compliance with District rules.
- (3) The operator shall maintain a single list which includes only the name and address of each person from whom the facility acquired VOC-containing material regulated by the District that was used or stored at the facility during the preceding 12 months.
- (4) The operator shall retain all purchase invoices for all VOC-containing material used or stored at the facility, and all waste manifests for all waste VOC-containing material removed from the facility, for five years.>

**[RULE 109, 5-2-2003; RULE 1303(b)(2)-O set, 5-10-1996; RULE 1303(b)(2)-O set, 12-6-2002]**

[Systems subject to this condition : Process 1, System 3]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109

**[RULE 109, 5-2-2003]**

[Systems subject to this condition : Process 1, System 3]

## FACILITY PERMIT TO OPERATE WEYERHAEUSER COMPANY

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

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

#### DEVICE CONDITIONS

##### A. Emission Limits

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

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 137 LBS IN ANY ONE MONTH
PM	Less than or equal to 19.44 LBS IN ANY ONE MONTH
ROG	Less than or equal to 11.05 LBS IN ANY ONE MONTH
SOX	Less than or equal to 2.31 LBS IN ANY ONE MONTH

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

[Devices subject to this condition : D20]

## FACILITY PERMIT TO OPERATE WEYERHAEUSER COMPANY

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

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

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

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 900 LBS IN ANY ONE MONTH

To ensure compliance with the monthly Volatile Organic Compound (VOC) emission limit(s) of this condition, the operator shall comply with the following recordkeeping requirements:

- (1) The operator shall comply with Rule 109 (Recordkeeping for Volatile Organic Compound Emissions).
- (2) Within 14 calendar days after the end of each month, the operator shall total and record VOC emissions for the month from all equipment and operations covered by the monthly emission limit(s). The record shall include any procedures used to account for control device efficiencies and/or waste disposal. It shall be signed and certified for accuracy by the highest ranking individual responsible for compliance with District rules.
- (3) The operator shall maintain a single list which includes only the name and address of each person from whom the facility acquired VOC-containing material regulated by the District that was used or stored at the facility during the preceding 12 months.
- (4) The operator shall retain all purchase invoices for all VOC-containing material used or stored at the facility, and all waste manifests for all waste VOC-containing material removed from the facility, for five years.

[**RULE 109, 5-2-2003; RULE 1303(b)(2)-O set, 5-10-1996; RULE 1303(b)(2)-O set, 12-6-2002**]

[Devices subject to this condition : D40]

## FACILITY PERMIT TO OPERATE WEYERHAEUSER COMPANY

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

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

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

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 2748 LBS IN ANY ONE MONTH

For the purposes of this condition, the limit(s) shall be based on the total combined emissions from equipment D42 and D43.

To ensure compliance with the monthly Volatile Organic Compound (VOC) emission limit(s) of this condition, the operator shall comply with the following recordkeeping requirements:

- (1) The operator shall comply with Rule 109 (Recordkeeping for Volatile Organic Compound Emissions).
- (2) Within 14 calendar days after the end of each month, the operator shall total and record VOC emissions for the month from all equipment and operations covered by the monthly emission limit(s). The record shall include any procedures used to account for control device efficiencies and/or waste disposal. It shall be signed and certified for accuracy by the highest ranking individual responsible for compliance with District rules.
- (3) The operator shall maintain a single list which includes only the name and address of each person from whom the facility acquired VOC-containing material regulated by the District that was used or stored at the facility during the preceding 12 months.
- (4) The operator shall retain all purchase invoices for all VOC-containing material used or stored at the facility, and all waste manifests for all waste VOC-containing material removed from the facility, for five years.

[**RULE 109, 5-2-2003; RULE 1303(b)(2)-O set, 5-10-1996; RULE 1303(b)(2)-O set, 12-6-2002**]

[Devices subject to this condition : D42, D43]

**FACILITY PERMIT TO OPERATE  
 WEYERHAEUSER COMPANY**

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

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

A63.4 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 750 LBS IN ANY ONE MONTH

To ensure compliance with the monthly Volatile Organic Compound (VOC) emission limit(s) of this condition, the operator shall comply with the following recordkeeping requirements:

- (1) The operator shall comply with Rule 109 (Recordkeeping for Volatile Organic Compound Emissions).
- (2) Within 14 calendar days after the end of each month, the operator shall total and record VOC emissions for the month from all equipment and operations covered by the monthly emission limit(s). The record shall include any procedures used to account for control device efficiencies and/or waste disposal. It shall be signed and certified for accuracy by the highest ranking individual responsible for compliance with District rules.
- (3) The operator shall maintain a single list which includes only the name and address of each person from whom the facility acquired VOC-containing material regulated by the District that was used or stored at the facility during the preceding 12 months.
- (4) The operator shall retain all purchase invoices for all VOC-containing material used or stored at the facility, and all waste manifests for all waste VOC-containing material removed from the facility, for five years.

[RULE 109, 5-2-2003; RULE 1303(b)(2)-O set, 5-10-1996; RULE 1303(b)(2)-O set, 12-6-2002]

[Devices subject to this condition : D45]

A63.5 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than 36 LBS IN ANY ONE DAY

[RULE 109, 5-2-2003; RULE 1303(b)(2)-O set, 5-10-1996; RULE 1303(b)(2)-O set, 12-6-2002]

[Devices subject to this condition : D45]

## FACILITY PERMIT TO OPERATE WEYERHAEUSER COMPANY

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

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

#### **B. Material/Fuel Type Limits**

B27.1 The operator shall not use materials containing any compounds identified in the SCAQMD Rule 1401, as amended 07-dec-1990.

[RULE 1401, 12-7-1990]

[Devices subject to this condition : D12, D14, D39]

B59.1 The operator shall not use the following material(s) in this device :

Materials containing any of the compounds identified in the SCAQMD Rule 1401, except acetaldehyde, formaldehyde and methanol, as amended on May 2, 2003 or earlier.

Emissions of acetaldehyde shall not exceed 37 lbs in any one year.

Emissions of formaldehyde shall not exceed 4,168 lbs in any one year.

Emissions of methanol shall not exceed 1,166 lbs in any one year.

Emissions from these compounds shall be kept in a manner approved by the District, shall be retained at the facility for 5 years and shall be made available to District personnel upon request.

[RULE 1401, 5-2-2003]

[Devices subject to this condition : D42, D43]

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

Materials containing any of the compounds identified in the SCAQMD Rule 1401, except acrylic acid, ammonia, 1,3-butadiene, formaldehyde, styrene and toluene, as amended on August 18, 2000 or earlier.

[RULE 1401, 8-18-2000]

[Devices subject to this condition : D45]

## FACILITY PERMIT TO OPERATE WEYERHAEUSER COMPANY

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

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

B59.3 The operator shall not use the following material(s) in this device :

Materials containing any of the compounds identified in the SCAQMD Rule 1401, except acetaldehyde, ammonia and formaldehyde, as amended on August 13, 1999 or earlier.

[RULE 1401, 8-13-1999]

[Devices subject to this condition : D13, D17, D18, D40]

B59.4 The operator shall not use the following material(s) in this device :

Materials containing any of the compounds identified in the SCAQMD Rule 1401, except isopropyl alcohol and ammonia, as amended on May 2, 2003 or earlier.

[RULE 1401, 5-2-2003]

[Devices subject to this condition : D9]

B59.5 The operator shall not use the following material(s) in this device :

Materials containing any of the compounds identified in the SCAQMD Rule 1401, except ammonia and isopropyl alcohol, as amended March 4, 2005 or earlier.

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D52]

B89.1 The operator shall not use inks with VOC content greater than 2.5 pounds per gallon, including water and exempt compounds.

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

[Devices subject to this condition : D12, D13]

## **FACILITY PERMIT TO OPERATE WEYERHAEUSER COMPANY**

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

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

B89.2 The operator shall not use inks with VOC content greater than 1.2 pounds per gallon, less water and exempt compounds.

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

[Devices subject to this condition : D40]

B89.3 The operator shall not use materials with VOC content greater than 0.2 pounds per gallon, less water and exempt compounds.

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

[Devices subject to this condition : D42, D43]

B89.4 The operator shall not use inks with VOC content greater than 1.5 pounds per gallon, less water and exempt compounds.

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

[Devices subject to this condition : D52]

B163.2 The operator shall only use inks containing the following:

Water-based type.

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

[Devices subject to this condition : D14]

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

## **FACILITY PERMIT TO OPERATE WEYERHAEUSER COMPANY**

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

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

- C1.1 The operator shall limit the operating time to no more than 2190 hour(s) in any one year.

The purpose(s) of this condition is to ensure that this equipment qualifies as a process unit.

**[RULE 2012, 5-6-2005]**

[Devices subject to this condition : D21]

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

- D12.1 The operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage from the burner.

**[RULE 2012, 5-6-2005]**

[Devices subject to this condition : D20]

- D12.2 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

**[RULE 2012, 5-6-2005]**

[Devices subject to this condition : D21]

- D12.3 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature at the boiler stack.

**[RULE 2012, 5-6-2005]**

[Devices subject to this condition : D20]

## **FACILITY PERMIT TO OPERATE WEYERHAEUSER COMPANY**

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

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

D135.1 The operator shall inspect, adjust, and certify the ignition or fuel injection timing of this engine a minimum of once every 3 years of operation. Inspections, adjustments, and certifications shall be performed by a qualified mechanic and performed in accordance with the engine manufacturer's specifications and procedures.

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

[Devices subject to this condition : D21]

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

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

[Devices subject to this condition : D44]

## FACILITY PERMIT TO OPERATE WEYERHAEUSER 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 quarterly basis, at least, unless the equipment did not operate during the entire quarterly period. The routine quarterly inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected 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]**

[Devices subject to this condition : D1, D21]

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 : D20, D27]

## **FACILITY PERMIT TO OPERATE WEYERHAEUSER COMPANY**

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

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

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

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

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

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

[Devices subject to this condition : D44]

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

E73.1 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use FGR if any of the following requirement(s) are met:

Exhaust temperature is below 200 Deg. F.

**[RULE 2012, 5-6-2005]**

[Devices subject to this condition : D20]

## FACILITY PERMIT TO OPERATE WEYERHAEUSER 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 2012, 5-6-2005]**

[Devices subject to this condition : D20, D27]

#### **H. Applicable Rules**

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

Contaminant	Rule	Rule/Subpart
ROG	District Rule	1122

**[RULE 1122, 10-1-2004]**

[Devices subject to this condition : E34]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	442
VOC	District Rule	109

**[RULE 109, 5-2-2003; RULE 442, 12-15-2000]**

[Devices subject to this condition : D53]

#### **K. Record Keeping/Reporting**

## FACILITY PERMIT TO OPERATE WEYERHAEUSER COMPANY

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

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

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

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

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

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

[Devices subject to this condition : E36]

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

Material Safety Data Sheets (MSDS) for all materials used at this facility shall be kept current and made available to District personnel upon request.

**[RULE 109, 5-2-2003; RULE 1303(b)(2)-O set, 5-10-1996; RULE 1303(b)(2)-O set, 12-6-2002]**

[Devices subject to this condition : D42, D43, D45]

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

Name of person conducting inspection and maintenance of the filter media.

Date, time and results of inspection.

Date, time and description of repairs made.

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

[Devices subject to this condition : D44]