

## FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 1: PRINTING PRESS</b>					
PRINTING PRESS, FLEXOGRAPHIC, FLEXO FOLDER GLUER, TWO-COLOR, NO. 36 A/N: 473226	D1			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1
PRINTING PRESS, FLEXOGRAPHIC, FLEXO ROTARY DIE CUTTER, TWO-COLOR, NO. 23 A/N: 473227	D4			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1
PRINTING PRESS, FLEXOGRAPHIC, FLEXOGRAPHIC, S & S, MODEL ZLR, THREE-COLOR, 112-INCH SHEET WIDTH, NO. 34 A/N: 473228	D7			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1
PRINTING PRESS, FLEXOGRAPHIC, FLEXO FOLDER GLUER, TWO-COLOR, NO. 32 A/N: 473229	D8			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1
PRINTING PRESS, FLEXOGRAPHIC, FLEXO FOLDER GLUER, TWO-COLOR, NO. 31 A/N: 473230	D9			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1
PRINTING PRESS, FLEXOGRAPHIC, WARD, MODEL NO. 15, THREE-COLOR, 113 INCH SHEET-WIDTH, WITH ROTARY DIECUTTER, NO. 22 A/N: 473237	D29			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B27.2, B59.1, H23.1, K67.2
PRINTING PRESS, FLEXOGRAPHIC, LANGSTON, MODEL NO. 5113 SATURN III, FOUR-COLOR, 113 INCH SHEET-WIDTH, WITH A FOLDER GLUER, NO. 37 A/N: 473238	D31			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B27.2, B59.1, H23.1, K67.2

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

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

## FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 1: PRINTING PRESS</b>					
PRINTING PRESS, FLEXOGRAPHIC, LANGSTON, MODEL NO. SATURN II, THREE COLOR, 100 INCH SHEET-WIDTH, WITH A FOLDER GLUER, NO. 38 A/N:	D51			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.1, B59.3, B89.1, H23.1, K67.4
PRINTING PRESS, FLEXOGRAPHIC, NO. 125, WARD, MODEL NO. 15000 ROTARY DIE-CUTTER, THREE-COLOR,, 66 IN W. X 113 IN L. MAXIMUM SHEET SIZE, WITH A ROTARY DIE CUTTER A/N:	D55			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.1, B59.5, H23.1, K67.2
<b>Process 2: COATING OPERATION</b>					
<b>System 2: COATER</b>					
COATER, WAXER, ANDAX, 8 FT W. X 60 FT L. X 10 FT H. WITH 7.5 HP COOLING AIR BLOWERS, NO. 54 A/N: 473232	D17			VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	C1.1, C1.2, H23.1
COATER, WAXER, REMCO, MODEL NO. 2M170D, SERIAL NO. 172M4AS3092184A166CWF, 7 FT 10 IN W X 54 FT L X 10 FT 6 IN H, WITH A WAX SUPPLY TANK OF 500 GALLONS. A/N: 473296	D54			VOC: (9) [RULE 1128, 3-8-1996; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	A63.1, B59.4, C1.5
<b>System 3: CORRUGATORS</b>					
LAMINATOR, CORRUGATOR NO. 101, 87 INCH WIDE A/N: 473234	D27			VOC: (9) [RULE 1168, 1-7-2005; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B27.1, B89.1, C1.3, C1.4, E51.1
LAMINATOR, CORRUGATOR NO. 102, 98 INCH WIDE A/N: 473236	D28			VOC: (9) [RULE 1168, 1-7-2005; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B27.1, B89.1, C1.3, C1.4, E51.1

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

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

## FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 3: STORAGE SILO AND MIXING</b>					
STORAGE SILO, WITH CARTRIDGE BIN VENT, 9 FILTERS, EACH 5.5 INCH DIAMETER X 36 INCH LONG, CORN STARCH, HEIGHT: 66 FT ; DIAMETER: 12 FT A/N:	D33			PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	A63.2, B27.1, D322.1, D381.1, E102.1, H23.3, K67.3
CONVEYOR, PNEUMATIC, WITH A BLOWER A/N: 473240	D34			PM: (9) [RULE 405, 2-7-1986]	B27.1, C1.3, C1.4, D323.1, E51.1
HOPPER, 48 INCH DIAMETER X 48 INCH HIGH, 1500 POUND CAPACITY WITH A BLOWER A/N: 473240	D35			PM: (9) [RULE 405, 2-7-1986]	B27.1, C1.3, C1.4, D323.1, E51.1
HOPPER, 130 INCH HIGH X 42 INCH WIDE X 36 INCH LONG, 2500 POUND CAPACITY, WITH A BLOWER A/N: 473240	D36			PM: (9) [RULE 405, 2-7-1986]	B27.1, C1.3, C1.4, D323.1, E51.1
HOPPER, 28 INCH HIGH X 37 INCH WIDE X 23 INCH LONG, 500 POUND CAPACITY WITH A BLOWER A/N: 473240	D37			PM: (9) [RULE 405, 2-7-1986]	B27.1, C1.3, C1.4, D323.1, E51.1
STORAGE TANK, 5000 GALLON CAPACITY A/N: 473240	D38			PM: (9) [RULE 405, 2-7-1986]	B27.1, C1.3, C1.4, D323.1, E51.1
MIXER, RINGWOOD, 48 INCHES DIAMETER X 91 INCHES HIGH, 1030 GALLON CAPACITY, WITH A 25 HP MOTOR A/N: 473240	D39			PM: (9) [RULE 405, 2-7-1986]	B27.1, C1.3, C1.4, D323.1, E51.1
MIXER, 7.5 HP A/N: 473240	D40			PM: (9) [RULE 405, 2-7-1986]	B27.1, C1.3, C1.4, D323.1, E51.1

- \* (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 GEORGIA-PACIFIC CORRUGATED LLC

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 3: STORAGE SILO AND MIXING</b>					
STORAGE TANK, 72 INCH HIGH X 192 INCH WIDE X 84 INCH LENGTH, FOUR COMPARTMENTS, WITH 1000 GALLONS CAPACITY EACH A/N: 473240	D41			PM: (9) [RULE 405, 2-7-1986]	B27.1, C1.3, C1.4, D323.1, E51.1
<b>Process 4: WASTEWATER TREATMENT</b>					
TANK, TREATMENT, 120 INCH DIAMETER X 187 INCH HIGH, 7950 GALLON CAPACITY, WITH A MIXER A/N: 473242	D43				B27.1, C1.3, C1.4, E51.1, E71.1
TANK, FLOCCULANT, 31 INCH DIAMETER X 48 INCH HIGH, 150 GALLON CAPACITY, WITH A MIXER AND A PUMP A/N: 473242	D46				B27.1, C1.3, C1.4, E51.1, E71.1
TANK, FLOCCULANT, 31 INCH DIAMETER X 48 INCH HIGH, 150 GALLON CAPACITY, WITH A MIXER AND A PUMP A/N: 473242	D47				B27.1, C1.3, C1.4, E51.1, E71.1
TANK, WASTE WATER, 144 INCH DIAMETER X 187 INCH HIGH, 12,000 GALLON CAPACITY, WITH A RECIRCULATION PUMP A/N: 473242	D48				B27.1, C1.3, C1.4, E51.1, E71.1
TANK, FILTRATE, 39 INCH DIAMETER X 53 INCH HIGH, 260 GALLON CAPACITY, WITH A RECIRCULATION PUMP A/N: 473242	D49				B27.1, C1.3, C1.4, E51.1, E71.1

\* (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 GEORGIA-PACIFIC CORRUGATED LLC

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 4: WASTEWATER TREATMENT</b>					
PRESS, FILTER, 49.5 INCH WIDE X 191 INCH LONG X 58.5 INCH HIGH, 30 CUBIC FEET A/N: 473242	D50				B27.1, C1.3, C1.4, E51.1, E71.1
<b>Process 5: EXTERNAL COMBUSTION</b>					
BOILER, NATURAL GAS, KEELER, MODEL DS-10-6, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 35.7 MMBTU/HR WITH A/N: 473233  BURNER, FABER, MODEL WB-1-20, WITH LOW NOX BURNER, 35.7 MMBTU/HR	D18		NOX: LARGE SOURCE**	CO: 400 PPMV NATURAL GAS (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV NATURAL GAS (5A) [RULE 407, 4-2-1982]; NOX: 40 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF NATURAL GAS (5B) [RULE 409, 8-7-1981]	D12.1, D328.1, E73.1
<b>Process 6: R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES</b>					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E22			VOC: (9) [RULE 1113, 11-8-1996; RULE 1113, 6-3-2011; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	K67.1
RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS	E23			VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E24			VOC: (9) [RULE 1168, 1-7-2005; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E25			VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.2

\* (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 GEORGIA-PACIFIC CORRUGATED LLC**

## **SECTION D: DEVICE ID INDEX**

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

## FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

### SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1	1	1	0
D4	1	1	0
D7	1	1	0
D8	1	1	0
D9	1	1	0
D17	2	2	2
D18	5	5	0
E22	5	6	0
E23	5	6	0
E24	5	6	0
E25	5	6	0
D27	2	2	3
D28	2	2	3
D29	1	1	0
D31	1	1	0
D33	3	3	0
D34	3	3	0
D35	3	3	0
D36	3	3	0
D37	3	3	0
D38	3	3	0
D39	3	3	0
D40	3	3	0
D41	4	3	0
D43	4	4	0
D46	4	4	0
D47	4	4	0
D48	4	4	0
D49	4	4	0
D50	5	4	0
D51	2	1	0
D54	2	2	2
D55	2	1	0

## FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

### 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
VOC	Less than or equal to 2700 LBS IN ANY ONE MONTH

For the purpose of this condition, the VOC emission limit shall be not inclusive of VOC emissions from the ANDAX waxer coater (D17).

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.

## FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

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

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

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

F2.2 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 CONSECUTIVE 12-MONTH PERIOD
Combination of Volatile Hazardous Air Pollutants (VHAPs)	Less than or equal to 25 TONS IN ANY CONSECUTIVE 12-MONTH PERIOD

## **FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC**

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

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

To ensure compliance with the 12-month Volatile Hazardous Air Pollutant (VHAP) 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 VHAP emissions for the month and for the previous 12 month period from all equipment and operations covered by the 12-month 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 VHAP-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 VHAP-containing material used or stored at the facility, and all waste manifests for all waste VHAP-containing material removed from the facility, for five years.

**[40CFR 63 Subpart DDDDD, 9-13-2004; 40CFR 63 Subpart KK, 10-17-2000]**

- 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.

## FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

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

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

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

#### **DEVICE CONDITIONS**

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

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

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than 900 LBS IN ANY CALENDAR MONTH

## **FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC**

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

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

The VOC emissions from the use of wax materials shall be calculated using a default emission factor of 0.1% by weight or by a factor determined by an approved District testing method.

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

[Devices subject to this condition : D54]

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

## FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

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

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

CONTAMINANT	EMISSIONS LIMIT
Visible emissions	Less than or equal to 0 Percent Opacity

[RULE 1155, 12-4-2009]

[Devices subject to this condition : D33]

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

B27.1 The operator shall not use materials containing any compounds identified in the SCAQMD Rule 1401, as amended 10-jul-1998.

[RULE 1401, 7-10-1998]

[Devices subject to this condition : D27, D28, D33, D34, D35, D36, D37, D38, D39, D40, D41, D43, D46, D47, D48, D49, D50]

B27.2 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 : D29, D31]

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

## FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

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

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

any inks except PMS/GCMI inks with a VOC content which exceeds 0.5 pounds per gallon as applied, less water and exempt solvent

any PMS/GCMI inks with a VOC content which exceeds 1.5 pounds per gallon as applied, less water and exempt solvent

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

[Devices subject to this condition : D29, D31, D51, D55]

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

materials containing volatile toxic air contaminants identified in Rule 1401, Table I with an effective date of May 2, 2003 or earlier, with the exception of methyl alcohol (CAS # 67-56-1), vinyl acetate (CAS# 108-05-4) and acetaldehyde (CAS# 75-07-0).

materials containing more than 0.004% by weight acetaldehyde.

[RULE 1401, 5-2-2003]

[Devices subject to this condition : D51]

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

Materials containing toxic air contaminants identified in Rule 1401, Table 1 with an effective date of March 4, 2005 or earlier.

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D54]

## **FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC**

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

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

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

Materials containing volatile toxic air contaminants identified in Rule 1401, Table 1 with an effective date of March 7, 2008 or earlier, with the exception of ammonia (CAS # 7664-41-7).

[RULE 1401, 3-7-2008]

[Devices subject to this condition : D55]

B89.1 The operator shall not use adhesives 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 : D27, D28, D51]

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

C1.1 The operator shall limit the material processed to no more than 10,500 gallon(s) per day.

For the purpose of this condition, material processed shall be defined as wax.

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

[Devices subject to this condition : D17]

C1.2 The operator shall limit the material processed to no more than 240,000 gallon(s) per month.

## **FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC**

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

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

For the purpose of this condition, material processed shall be defined as wax.

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

[Devices subject to this condition : D17]

C1.3 The operator shall limit the material processed to no more than 755 lb(s) in any one year.

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 the total quantity of formaldehyde contained in coatings used in this equipment.

This limit shall be based on the total combined limit for equipment D27, D28, D34, D35, D36, D37, D38, D39, D40, D41, D43, D46, D47, D48, D49 and D50.

[RULE 1401, 7-10-1998]

[Devices subject to this condition : D27, D28, D34, D35, D36, D37, D38, D39, D40, D41, D43, D46, D47, D48, D49, D50]

C1.4 The operator shall limit the material processed to no more than 100 lb(s) in any one year.

## **FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC**

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

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

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 the total quantity of acetaldehyde contained in coatings used in this equipment.

This limit shall be based on the total combined limit for equipment D27, D28, D34, D35, D36, D37, D38, D39, D40, D41, D43, D46, D47, D48, D49 and D50.

[RULE 1401, 7-10-1998]

[Devices subject to this condition : D27, D28, D34, D35, D36, D37, D38, D39, D40, D41, D43, D46, D47, D48, D49, D50]

C1.5 The operator shall limit the material processed to no more than 10,200 gallon(s) per day.

For the purpose of this condition, material processed shall be defined as wax.

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

[Devices subject to this condition : D54]

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

D12.1 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the boiler stack.

[**RULE 1146, 11-17-2000**; RULE 1146, 9-5-2008; **RULE 2012, 5-6-2005**]

[Devices subject to this condition : D18]

## **FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC**

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

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

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 : D33]

## **FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC**

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

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

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

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

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

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

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

## **FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC**

### 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 : D34, D35, D36, D37, D38, D39, D40, D41]

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 : D18]

## **FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC**

### **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 : D33]

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

E51.1 The following condition number(s) shall not apply if all of the requirements stated below are met:

Condition Number B 27- 1

Requirement number 1: The only Rule 1401 compounds permitted for use in this equipment are limited to formaldehyde as specified in condition no. C1.3 and acetaldehyde as specified in condition no. C1.4.

## FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

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

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

[RULE 1401, 7-10-1998]

[Devices subject to this condition : D27, D28, D34, D35, D36, D37, D38, D39, D40, D41, D43, D46, D47, D48, D49, D50]

E71.1 The operator shall only use this equipment to process wastewater produced at this facility.

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

[Devices subject to this condition : D43, D46, D47, D48, D49, D50]

E73.1 Notwithstanding the requirements of Section E conditions, the operator shall not use FGR if any of the following requirement(s) are met:

the boiler stack temperature is below 200 Deg. F.

[**RULE 1146, 11-17-2000**; RULE 1146, 9-5-2008; **RULE 2012, 5-6-2005**]

[Devices subject to this condition : D18]

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

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

[Devices subject to this condition : D33]

### **H. Applicable Rules**

## FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

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

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

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109

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

[Devices subject to this condition : D1, D4, D7, D8, D9, D17, E23, E24, D29, D31, D51, D55]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122

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

[Devices subject to this condition : E25]

H23.3 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 : D33]

## **FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC**

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

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

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

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

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

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

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

[Devices subject to this condition : E22]

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

current MSDS for all materials used at this facility

volatile organic compound(VOC) content of each material, in pounds per gallon, as applied including water and exempt compounds

daily (VOC) emissions in pounds

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

## FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

### 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 : D29, D31, D55]

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

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

the date, time and result 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 : D33]

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

current MSDS for all materials used at this facility

volatile organic compound(VOC) content of each material, in pounds per gallon, as applied including water and exempt compounds

daily (VOC) emissions in pounds

percent weight content of acetaldehyde in the adhesive

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

[Devices subject to this condition : D51]

## FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: PRINTING PRESS</b>					
PRINTING PRESS, FLEXOGRAPHIC, MARTIN MFG., MODEL DRO 1632 NT HBL, FOUR- COLOR, 129 INCH SHEET WIDTH, WITH A ROTARY DIE CUTTER A/N:	D56			VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.1, B59.6, H23.1, K67.2

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

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

# **FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC**

## **SECTION H: DEVICE ID INDEX**

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

# FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

## 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>
D56	1	1	0

## FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

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

**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
VOC	Less than or equal to 2700 LBS IN ANY ONE MONTH

For the purpose of this condition, the VOC emission limit shall be not inclusive of VOC emissions from the ANDAX waxer coater (D17).

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.

## FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

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

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

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

F2.2 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 CONSECUTIVE 12-MONTH PERIOD
Combination of Volatile Hazardous Air Pollutants (VHAPs)	Less than or equal to 25 TONS IN ANY CONSECUTIVE 12-MONTH PERIOD

To ensure compliance with the 12-month Volatile Hazardous Air Pollutant (VHAP) 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 VHAP emissions for the month and for the previous 12 month period from all equipment and operations covered by the 12-month 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 VHAP-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 VHAP-containing material used or stored at the facility, and all waste manifests for all waste VHAP-containing material removed from the facility, for five years.

## FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

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

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

[40CFR 63 Subpart DDDDD, 9-13-2004; 40CFR 63 Subpart KK, 10-17-2000]

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]

#### DEVICE CONDITIONS

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

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

any inks except PMS/GCMI inks with a VOC content which exceeds 0.5 pounds per gallon as applied, less water and exempt solvent

any PMS/GCMI inks with a VOC content which exceeds 1.5 pounds per gallon as applied, less water and exempt solvent

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

[Devices subject to this condition : D56]

B59.6 The operator shall not use the following material(s) in this device :

Materials containing volatile toxic air contaminants identified in Rule 1401, Table 1 with an effective date of September 10, 2010 or earlier, with the exception of ammonia (CAS # 7664-41-7).

## FACILITY PERMIT TO OPERATE GEORGIA-PACIFIC CORRUGATED LLC

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

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

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D56]

#### 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

[RULE 109, 5-2-2003]

[Devices subject to this condition : D56]

#### K. Record Keeping/Reporting

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

current MSDS for all materials used at this facility

volatile organic compound(VOC) content of each material, in pounds per gallon, as applied including water and exempt compounds

daily (VOC) emissions in pounds

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

[Devices subject to this condition : D56]