



## 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/<br>Monitoring Unit | Emissions *<br>And Requirements  | Conditions                    |
|--|--------|--------------|---|--|-------------------------------|
| <b>Process 1 : PRINTING PRESS</b>  |        |              |   |  |                               |
| PRINTING PRESS, FLEXOGRAPHIC, FLEXP FOLDER GLUER, TWO-COLOR, NO. 36<br>A/N: 473226   | D1     |              |   | VOC: (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171, 2-1-2008] | H23.1                         |
| PRINTING PRESS, FLEXOGRAPHIC, FLEXP ROTARY DIE CUTTER, TWO-COLOR, NO. 23<br>A/N: 473227  | D4     |              |   | VOC: (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171, 2-1-2008] | H23.1                         |
| PRINTING PRESS, FLEXOGRAPHIC, FLEXPGRAPHIC, S & S, MODEL ZLR, THREE-COLOR, 112-INCH SHEET WIDTH, NO. 34<br>A/N: 473228                           | D7     |              |   | VOC: (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171, 2-1-2008] | H23.1                         |
| PRINTING PRESS, FLEXOGRAPHIC, FLEXP FOLDER GLUER, TWO-COLOR, NO. 32<br>A/N: 473229   | D8     |              |   | VOC: (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171, 2-1-2008] | H23.1                         |
| PRINTING PRESS, FLEXOGRAPHIC, FLEXP FOLDER GLUER, TWO-COLOR, NO. 31<br>A/N: 473230   | D9     |              |   | VOC: (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171, 2-1-2008] | H23.1                         |
| PRINTING PRESS, FLEXOGRAPHIC, WARD, MODEL NO. 15, THREE-COLOR, 113 INCH SHEET-WIDTH, WITH ROTARY DIECUTTER, NO. 22<br>A/N: 473237                | D29    |              |   | VOC: (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171, 2-1-2008] | B27.2, B59.1,<br>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<br>A/N: 473238 | D31    |              |   | VOC: (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171, 2-1-2008] | B27.2, B59.1,<br>H23.1, K67.2 |

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

\*\* 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/<br>Monitoring Unit | Emissions *<br>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<br>A/N: 473243                             | D51    |              |   | <b>VOC:</b> (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171, 2-1-2008] | 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<br>A/N: | D55    |              |   | <b>VOC:</b> (9) [RULE 1130,10-8-1999;RULE 1171,8-2-2002;RULE 1171,11-7-2003]  | 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<br>A/N: 473232  | D17    |              |   | <b>VOC:</b> (9) [RULE 1128,3-8-1996;RULE 1171,11-7-2003;RULE 1171, 2-1-2008]  | 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.<br>A/N: 473296  | D54    |              |   | <b>VOC:</b> (9) [RULE 1128,3-8-1996;RULE 1171,11-7-2003;RULE 1171, 2-1-2008]  | A63.1, B59.4, C1.5                |

\* (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/<br>Monitoring Unit | Emissions *<br>And Requirements  | Conditions                                 |
|--|--------|--------------|---|--|--|
| <b>Process 2 : COATING OPERATION</b>   |        |              |   |  |  |
| <b>System 3 : CORRUGATORS</b>  |        |              |   |  |  |
| LAMINATOR, CORRUGATOR NO. 101,<br>87 INCH WIDE<br>A/N: 473234  | D27    |              |   | VOC: (9) [RULE 1168,10-3-2003;RULE 1168,1-7-2005;RULE 1171,11-7-2003;RULE 1171,2-1-2008] | B27.1, B89.1,<br>C1.3, C1.4,<br>E51.1      |
| LAMINATOR, CORRUGATOR NO. 102,<br>98 INCH WIDE<br>A/N: 473236  | D28    |              |   | VOC: (9) [RULE 1168,10-3-2003;RULE 1168,1-7-2005;RULE 1171,11-7-2003;RULE 1171,2-1-2008] | B27.1, B89.1,<br>C1.3, C1.4,<br>E51.1      |
| <b>Process 3 : STORAGE SILO AND MIXING</b>   |        |              |   |  |  |
| STORAGE SILO, CORN STARCH,<br>WITH CARTRIDGE BIN VENT, 18<br>FILTERS, 5.5 INCH DIAMETER X 36<br>INCH LONG EACH, HEIGHT: 66 FT;<br>DIAMETER: 12 FT<br>A/N: 473239 | D33    |              |   | PM: (9) [RULE 404,2-7-1986;RULE 405,2-7-1986]  | B27.1, D322.1,<br>D381.1, E102.1,<br>K67.3 |
| CONVEYOR, PNEUMATIC, WITH A<br>BLOWER<br>A/N: 473240   | D34    |              |   | PM: (9) [RULE 405,2-7-1986]  | B27.1, C1.3,<br>C1.4, D323.1,<br>E51.1     |
| HOPPER, 48 INCH DIAMETER X 48<br>INCH HIGH, 1500 POUND CAPACITY<br>WITH A BLOWER<br>A/N: 473240  | D35    |              |   | PM: (9) [RULE 405,2-7-1986]  | B27.1, C1.3,<br>C1.4, D323.1,<br>E51.1     |
| HOPPER, 130 INCH HIGH X 42 INCH<br>WIDE X 36 INCH LONG, 2500 POUND<br>CAPACITY, WITH A BLOWER<br>A/N: 473240   | D36    |              |   | PM: (9) [RULE 405,2-7-1986]  | B27.1, C1.3,<br>C1.4, D323.1,<br>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/<br>Monitoring Unit | Emissions *<br>And Requirements | Conditions                             |
|--|--------|--------------|---|---------------------------------|--|
| <b>Process 3 : STORAGE SILO AND MIXING</b>   |        |              |   |                                 |  |
| HOPPER, 28 INCH HIGH X 37 INCH WIDE X 23 INCH LONG, 500 POUND CAPACITY WITH A BLOWER<br>A/N: 473240                            | D37    |              |   | PM: (9) [RULE 405,2-7-1986]     | B27.1, C1.3,<br>C1.4, D323.1,<br>E51.1 |
| STORAGE TANK, 5000 GALLON CAPACITY<br>A/N: 473240  | D38    |              |   | PM: (9) [RULE 405,2-7-1986]     | B27.1, C1.3,<br>C1.4, D323.1,<br>E51.1 |
| MIXER, RINGWOOD, 48 INCHES DIAMETER X 91 INCHES HIGH, 1030 GALLON CAPACITY, WITH A 25 HP MOTOR<br>A/N: 473240                  | D39    |              |   | PM: (9) [RULE 405,2-7-1986]     | B27.1, C1.3,<br>C1.4, D323.1,<br>E51.1 |
| MIXER, 7.5 HP<br>A/N: 473240   | D40    |              |   | PM: (9) [RULE 405,2-7-1986]     | B27.1, C1.3,<br>C1.4, D323.1,<br>E51.1 |
| STORAGE TANK, 72 INCH HIGH X 192 INCH WIDE X 84 INCH LENGTH, FOUR COMPARTMENTS, WITH 1000 GALLONS CAPACITY EACH<br>A/N: 473240 | D41    |              |   | PM: (9) [RULE 405,2-7-1986]     | B27.1, C1.3,<br>C1.4, D323.1,<br>E51.1 |
| <b>Process 4 : WASTEWATER TREATMENT</b>  |        |              |   |                                 |  |
| TANK, TREATMENT, 120 INCH DIAMETER X 187 INCH HIGH, 7950 GALLON CAPACITY, WITH A MIXER<br>A/N: 473242                          | D43    |              |   |                                 | B27.1, C1.3,<br>C1.4, E51.1,<br>E71.1  |
| TANK, FLOCCULANT, 31 INCH DIAMETER X 48 INCH HIGH, 150 GALLON CAPACITY, WITH A MIXER AND A PUMP<br>A/N: 473242                 | D46    |              |   |                                 | B27.1, C1.3,<br>C1.4, E51.1,<br>E71.1  |

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

\*\* 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/<br>Monitoring Unit | Emissions *<br>And Requirements  | Conditions                            |
|--|--------|--------------|---|--|---------------------------------------|
| <b>Process 4 : WASTEWATER TREATMENT</b>  |        |              |   |  |                                       |
| TANK, FLOCCULANT, 31 INCH DIAMETER X 48 INCH HIGH, 150 GALLON CAPACITY, WITH A MIXER AND A PUMP<br>A/N: 473242             | D47    |              |   |  | B27.1, C1.3,<br>C1.4, E51.1,<br>E71.1 |
| TANK, WASTE WATER, 144 INCH DIAMETER X 187 INCH HIGH, 12,000 GALLON CAPACITY, WITH A RECIRCULATION PUMP<br>A/N: 473242     | D48    |              |   |  | B27.1, C1.3,<br>C1.4, E51.1,<br>E71.1 |
| TANK, FILTRATE, 39 INCH DIAMETER X 53 INCH HIGH, 260 GALLON CAPACITY, WITH A RECIRCULATION PUMP<br>A/N: 473242             | D49    |              |   |  | B27.1, C1.3,<br>C1.4, E51.1,<br>E71.1 |
| PRESS, FILTER, 49.5 INCH WIDE X 191 INCH LONG X 58.5 INCH HIGH, 30 CUBIC FEET<br>A/N: 473242                               | D50    |              |   |  | B27.1, C1.3,<br>C1.4, E51.1,<br>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<br>A/N: 473233 | D18    |              | NOX: LARGE SOURCE**                     | CO: 2000 PPMV NATURAL GAS (5A) [RULE 407,4-2-1982] ;<br>CO: 400 PPMV NATURAL GAS (5) [RULE 1146,11-17-2000;RULE 1146,9-5-2008] | D12.1, D328.1,<br>E73.1               |

\* (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.



AQMD

## 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/<br>Monitoring Unit | Emissions *<br>And Requirements  | Conditions |
|--|--------|--------------|---|--|------------|
| <b>Process 5 : EXTERNAL COMBUSTION</b>   |        |              |   |  |            |
| BURNER, FABER, MODEL WB-1-20, WITH LOW NOX BURNER, 35.7 MMBTU/HR                 |        |              |   | NOX: 40 PPMV NATURAL GAS (3) [RULE 2012,5-6-2005] ;<br>PM: 0.1 GRAINS/SCF NATURAL GAS (5B) [RULE 409,8-7-1981] |            |
| <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 1113,7-13-2007;RULE 1171,11-7-2003;RULE 1171,2-1-2008]                      | K67.1      |
| RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS                         | E23    |              |   | VOC: (9) [RULE 1171,11-7-2003;RULE 1171,2-1-2008]  |            |
| RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS               | E24    |              |   | VOC: (9) [RULE 1168,10-3-2003;RULE 1168,1-7-2005;RULE 1171,11-7-2003;RULE 1171,2-1-2008]                       |            |
| RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED | E25    |              |   | VOC: (9) [RULE 1171,11-7-2003;RULE 1171,2-1-2008]  | 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.



AQMD

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

|                |               |
|----------------|---------------|
| Section D      | Page: 7       |
| Facility I.D.: | 153033        |
| Revision #:    | DRAFT         |
| Date:          | June 17, 2009 |

## **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                        | 6                  | 6       | 0      |
| E23                        | 6                  | 6       | 0      |
| E24                        | 6                  | 6       | 0      |
| E25                        | 6                  | 6       | 0      |
| D27                        | 3                  | 2       | 3      |
| D28                        | 3                  | 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                        | 4                  | 3       | 0      |
| D38                        | 4                  | 3       | 0      |
| D39                        | 4                  | 3       | 0      |
| D40                        | 4                  | 3       | 0      |
| D41                        | 4                  | 3       | 0      |
| D43                        | 4                  | 4       | 0      |
| D46                        | 4                  | 4       | 0      |
| D47                        | 5                  | 4       | 0      |
| D48                        | 5                  | 4       | 0      |
| D49                        | 5                  | 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.

[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:

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.

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



## 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:

- 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

#### A. Emission Limits



## 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:

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

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

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]

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



AQMD

## 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:

- 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 :

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 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]



## 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:

B59.4 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]

B59.5 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 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]



## 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:

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

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.

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, D44, D45, D46, D47, D48, D49 and D50.

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

[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.

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, D44, D45, D46, D47, D48, D49 and D50.

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

[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]



AQMD

## 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:

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]

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 a daily basis whenever fuel oil is burned. The routine daily 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. In addition, the operator shall 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 72 hours of conversion to fuel oil firing and on a weekly basis thereafter, until the equipment stops firing fuel oil.

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



## 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:

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]

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



## 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:

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

Condition number 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.

Condition Number SUGGESTED CHARCONDITION CONDITION PARAMETER NOT SET UP

[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, 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]**

[Devices subject to this condition : E25]

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



## 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:

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]**

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



AQMD

## 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:

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]