D.R.A.F.T.

PERMITTEE:

Georgia Pacific Wood Products LLC
Post Office Box 322
Hosford, Florida 32334

Authorized Representative:
Mr. Johnnie Temples, Plant Manager

Hosford OSB Facility
Air Permit No. 0770010-014-AC
Facility ID No. 0770010
SIC No. 2493
Permit Expires: (Date)

FACILITY AND LOCATION

Hosford OSB Facility is an existing oriented strand board manufacturing facility located in Liberty County at 12995 Northeast State Road 65 in Hosford, Florida. The UTM coordinates are Zone 16, 713.5 km East, and 3369.5 km North.

REGULATORY CLASSIFICATION

Title III: The existing facility is a major source of hazardous air pollutants (HAP).

Title IV: The existing facility has no units subject to the acid rain provisions of the Clean Air Act.

Title V: The existing facility is a Title V major source of air pollution (Chapter 62-213, F.A.C.).

PSD: The existing facility is a PSD-major source of air pollution (Rule 62-212.400, F.A.C.).

This construction permit for the Panel Press (EU 002) authorizes the following:

1) Replacing existing pre-fill valves with electric motor-driven (E-drive) pre-fill proportional control valves, going from a hydraulic to precision-electric based mechanism and improving the actuating of key valves.
2) Updating the panel press hydraulic control system by installing a replacement PVL pump with proportional control of weight transfer and replacing the "fast and slow let down circuit" with a single large manifold with proportional valves in parallel acting as one large proportional valve.
3) Adding variable frequency drives to existing c-pumps.

These changes will reduce the press cycle time by up to 13.5 seconds and will increase potential short-term OSB production (MSF/hr) capacity, which will increase short-term emissions (lb/hr) for the following: Five Flake Dryers (EU 001), Thermal Oil System (EU 011), Panel Press (EU 002), Baghouses (EUs 003-005, and EUs 007-009), Blender, Debarker and Roads (EU 010), and Miscellaneous Coatings (EU 014).

The BACT/MACT determination emissions limits for PM/PM_{10}, NO_X, CO, VOC and VE and the production limit of 600 million square feet of oriented strand board (OSB) on a 3/8-inch basis, per consecutive 12-month period do not change.

SPECIFIC CONDITIONS

1. Previous Permits: This permit supplements all previously issued air construction and operation permits for this emissions unit. Except for the change noted below, the unit remains subject to the conditions of all other valid air construction and operations permits. [Rule 62-4.070, F.A.C.]

2. Panel Press (EU 002) Hydraulic System Upgrades: The permittee is authorized to install electric motor-driven (E-drive) pre-fill proportional control valves, replace a PVL pump with proportional control of weight transfer,

replace the "fast and slow let down circuit" with a single large manifold with proportional valves in parallel, and add variable frequency drives to existing c-pumps. [Application No. 0770010-014-AC]

3. CAM Plan – Five Flake Dryers (EU 001), Panel Press (EU 002), & Thermal Oil System (EU 011): These emissions units are subject to the Compliance Assurance Monitoring (CAM) requirements contained in the attached Appendix CAM. Failure to adhere to the monitoring requirements specified does not necessarily indicate an exceedance of a specific emissions limitation; however, it may constitute good reason to require compliance testing pursuant to Rule 62-297.310(7)(b), F.A.C. Permittee shall evaluate changes to the these emissions units brought about by this project and provide an updated CAM plan or a statement that no update is required to the Department in writing within 90 days of issuance of this permit. [40 CFR 64; Rules 62-204.800 and 62-213.440(1)(b)1.a., F.A.C.]

4. Actual Emissions Reporting: This permit is based on an analysis that compared baseline actual emissions with projected actual emissions and avoided the requirements of subsection 62-212.400(4) through (12), F.A.C., for several pollutants. Therefore, pursuant to Rule 62-212.300(1)(e), F.A.C., the permittee is subject to the following monitoring, reporting and recordkeeping provisions.

a. The permittee shall monitor the emissions of any PSD pollutant that the Department identifies could increase as a result of the construction or modification and that is emitted by any emissions unit that could be affected; and, using the most reliable information available, calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five years following resumption of regular operations after the change. Emissions shall be computed in accordance with the provisions in Rule 62-210.370, F.A.C., which are provided in Appendix C of this permit.
b. The permittee shall report to the Department within 60 days after the end of each calendar year during the ten-year period setting out the unit's annual emissions during the calendar year that preceded submission of the report. The report shall contain the following:
    1) The name, address and telephone number of the owner or operator of the major stationary source;
    2) The annual emissions as calculated pursuant to the provisions of 62-210.370, F.A.C., which are provided in Appendix C of this permit;
    3) If the emissions differ from the preconstruction projection, an explanation as to why there is a difference; and,
    4) Any other information that the owner or operator wishes to include in the report.
c. The information required to be documented and maintained pursuant to subparagraphs 62-212.300(1)(e)1 and 2, F.A.C., shall be submitted to the Department, which shall make it available for review to the general public.

For this project, the Department requires the annual reporting of actual PM emissions for total PM, PM_{10} and $PM_{2.5}$, for the following units: Five Flake Dryers (EU 001), Thermal Oil Heaters (EU 011), Panel Press (EU 002), Baghouses (EUs 003-005, and EUs 007-009), Fugitives (EU 010), and Miscellaneous Coatings (EU 014). [Application 0770010-014-AC; Rules 62-212.300(1)(e) and 62-210.370, F.A.C.]

{Permitting Note: Annual emissions reporting is on a calendar year basis, for a period of five years following resumption of regular operations after the change. Monitoring for calendar year one starts on January 1 of the year following resumption of regular operations after completion of construction (the change). For example, if construction was completed in July 2000 and regular operations resumed in August 2000. Monitoring for calendar year one would run from January 1, 2001 through December 31, 2001. The annual emissions report for calendar year one would be due 60 days from December 31, 2001.}

STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-210 and 62-212 of the Florida Administrative Code (F.A.C.).

Executed in Pensacola, Florida.

(DRAFT)

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Rick Bradburn Date
Air Program Administrator