P.E. CERTIFICATION STATEMENT

PERMITTEE

Georgia-Pacific Wood Products LLC
12995 Northeast State Road 65
Hosford, Florida 32334-0322

Project No. 0770010-013-AC
Hosford OSB
Title V Air Construction Permit
Low Density Forming on Press & APC for Dryers
Liberty County, Florida

PROJECT DESCRIPTION

This is the final air construction permit, which authorizes the modification to the mat forming equipment and installation of advanced process control software. The proposed work will be conducted at the Hosford OSB facility, which is an oriented strand board manufacturing facility (Standard Industrial Classification No. 2493).

This project will modify the equipment used to form the mat which is subsequently pressed to form the Oriented Strand Board (OSB). The proposed low density forming project will involve replacing the existing core forming rolls with a different design roll which will allow for more efficient orientation of the flakes. In addition to the replacement core formers, a laser profiler will be used to detect changes in the mat height and relay information back to the control room operator for optimizing the core forming operations via the air profiling equipment. The air profiling equipment will allow the flakes to be positioned at the most efficient locations across the mat width. The facility proposes to install advanced process control (APC) software to allow for more efficient control of process parameters within the drying process. No physical changes to any equipment in the drying process will result from the APC software installation.

The project emissions increase of CO, NOx, PM, PM10, $PM_{2.5}$, SO2 and VOC is 33, 9.3, 7.8, 7.2, 7.1, 0.3 and 0.6 tons per year, respectively. The emission increases are less than the corresponding significant emission rates for these air pollutants that would trigger PSD review and BACT determinations.

The Department's full review of the project and rationale for issuing the draft permit is provided in the Technical Evaluation and Preliminary Determination.

I HEREBY CERTIFY *that the air pollution control engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify any other aspects of the proposal (including, but not limited to, the electrical, mechanical, structural, hydrological, geological, and meteorological features).*

Armando I. Sarasua, P.E.
License Number 52403

Nov 23, 2011
(Date)

Aguilar, Mark J.

From: EPSAP@dbprod.dep.state.fl.us
Sent: Friday, September 09, 2011 1:36 PM
To: Aguilar, Mark J.
Subject: FDEP - AIR Permit PE Signature Document Required

An EPSAP AIR permit application that you originally submitted has been transferred to another office.
This action will require you to send your PE Signature Document to the new office for the following application:

Application number: 3026-1
Submitted on: 08-SEP-11
Facility Name: GEORGIA-PACIFIC WOOD PRODUCTS LLC

It is now time for you to sign, seal and mail in your PE Signature Document as specified in Rule 61G15-23.003, Florida Administrative Code.

The application will be deemed incomplete if the sealed PE Signature Document is not received during the initial completeness review time period. Only the most recently generated PE Signature Document should be mailed in to the permitting authority. Please note that you can re-print the PE Signature Document from the EPSAP Main Menu at any time following the submittal.

Please send your signed and sealed PE Signature Document to the following address:

Office Name: FDEP Northwest District Office
Office Location: 160 Government Center Ste. 308
Pensacola, Florida 32502-5794
Office Phone: (850)595-8300

Primary Contact: Armando Sarasua
Primary Contact email: Armando.Sarasua@dep.state.fl.us

Secondary Contact: Rick Bradburn
Secondary Contact email: Rick.Bradburn@dep.state.fl.us

Secondary Contact: Mary Beth Curle
Secondary Contact email: mary.beth.curle@dep.state.fl.us

Please take a few minutes to share your comments on the service you received from the department by clicking on this link Copy the url below to a web browser to complete the DEP survey:
http://survey.dep.state.fl.us/?refemail=EPSAP@dbprod.dep.state.fl.us

RECEIVED
SEP 12 2011
NORTHWEST FLORIDA
DEP

Electronic Permit Submittal and Processing System (EPSAP)
Professional Engineer Signature Document

"This document is signed and sealed to secure the data in this permit application and any attached files that were submitted electronically as described in Florida Department of Business and Professional Regulation, Board of Professional Engineers, Procedures for Signing and Sealing Electronically Transmitted Plan, Specifications, Reports or other Documents, Rule 61G15-23.003., F.A.C.."

EPSAP Application Number: 3026-1
Facility Identification Number: 0770010
Facility Owner/Company Name: GEORGIA-PACIFIC WOOD PRODUCTS LLC

Purpose of Application:
Air construction permit.

Signature File Created: 9/6/2011 11:57:54 AM

File Description	Authentication Code
Submitted Application Data	6966E6C1286EBAB75409780998285BD0BB12053F
Uploaded Facility Documents:	
Hosford Low Density-APC Application (2011-09-06 Final).pdf	02092F5857EDC58603230CC212CB64B5F0E9BDE4
HOSFORD Former Press System PFD_rev2.1.pdf	78E0BD7757E4B0AF23E60DB09CDFBE189A898600
Site Plan Layout.pdf	41060631FE1CB53CE8A6809B1C43E404E34BD7ED
HOSFORD Flake Dryer System PFD_rev2.0.pdf	2C03C2C4DE729E1CDCA53F4BE8D108286262AEB6
This Application Has No Uploaded Emissions Unit Documents.	
Final Signature File	1695FB16EC62CBB3ED82B3022C8A43B7A3A0EB73

Professional Engineer (PE): MARK AGUILAR **License No:** 52248

(sign and affix PE seal below)

STATE OF FLORIDA
MARK AGUILAR
LICENSE NO. 52248
CERTIFIED
PROFESSIONAL ENGINEER

9/7/11

PE Signature **Date**

EPSAP
Permit Application Review

APPLICATION IDENTIFICATION INFORMATION

APPLICATION: LOW DENSITY PROJECT - 2011 (#3026-1)
FACILITY: GEORGIA-PACIFIC WOOD PRODUCTS LLC (#0770010)

(+) 8 - Forming bins BH exhaust

Assign Rights or Transfer Application
Edit Application for Sufficiency
Return Application to Applicant for Resubmittal

Application Contact | Owner/Authorized Rep. | Professional Engineer | Responsible Official

Final PE Signature File Authentication Code:
1695FB16EC62CBB3ED82B3022C8A43B7A3A0EB73

Select an Option Below to Confirm Receipt of the PE Signature Document:

- (●) I have NOT received the PE Signature Document.
- ( ) I have received the PE Signature Document and confirmed that the Signature File Authentication Code shown above exactly matches the one on the PE Signature Document.
- ( ) I have received the PE Signature Document and found that the Signature File Authentication Code shown above does NOT match the one on the PE Signature Document.

View, Edit, or Add Additional Permit Numbers

Permit Number: 0770010 - 013 - AC Update

Is this Application Reviewable Received?

Allow Viewing of this Application on the Internet? (●) Yes ( ) No

Application Number: 3026

Applicant's Version: 1

Application Name: LOW DENSITY PROJECT - 2011

Application Type: LONG FORM

Purpose of Application: AIR CONSTRUCTION PERMIT.

Time Clock Waiver: NO

Date Submitted: 9/8/2011

Applicant's Data Downloaded from ARMS? YES

Applicant Comment: Construction permit application to make changes to the forming equipment to produce a lower density mat and to install advanced process control software on the flake drying process.

View Certification Statements

Curle, Mary Beth

From: Sarasua, Armando
Sent: Friday, September 09, 2011 1:30 PM
To: Curle, Mary Beth
Cc: Moore, Deborah L.
Subject: RE: An application was transferred in EPSAP on FDEP

Please assign to DM.
Thanks,
Armando

-----Original Message-----
From: EPSAP@dbprod.dep.state.fl.us [mailto:EPSAP@dbprod.dep.state.fl.us]
Sent: Friday, September 09, 2011 12:36 PM
To: Sarasua, Armando; Bradburn, Rick; Curle, Mary Beth
Subject: An application was transferred in EPSAP on FDEP

An application was transferred to your office in EPSAP for the following facility:

Application Number: 3026
Facility ID: 0770010
Facility Name: GEORGIA-PACIFIC WOOD PRODUCTS LLC

At your earliest convenience, please log-in to the EPSAP application located at http://appprod.dep.state.fl.us/epsap_eng/default.asp to begin the application review process.