



**Smurfit-Stone Container Corporation
Biomass Boiler Renovation
Hodge, Louisiana**

**Start Date: November 2005
Completion: June 2006
TIC: \$17.1 Million
HGA: 12,000 Man-hours**

Project Description

In November 2005, Smurfit-Stone Container Corporation (SSCC) contracted Hunt, Guillot & Associates to assist in the renovation of a biomass boiler at their Hodge, LA paper manufacturing facility. The owners felt that as the use of biomass fuel increased, the ability to receive rougher or less-processed material would allow them to obtain fuel at competitive prices, thus making the renovation investment worthwhile.

HGA Scope

The project included the complete replacement of the fuel receiving, storage, and retrieval systems for a wood-fired boiler. HGA was selected to perform the detailed engineering for the new fuel handling and delivery system. The design was for the system to be able to process and store 150 tons per hour of a wide variety of incoming wood material – ranging from finely ground sawdust to blocks 108 inches long. The major components of the system included a new truck dumper, screen and grinder, a circular stacker reclaimer, and all of the interconnecting conveyors to supply the biomass to a new fuel bin in the boiler building. HGA also supplied expertise in construction management to ensure no delays in the project schedule as well as a successful start-up.

HUNT, GUILLOT & ASSOCIATES, LLC

Project Managers & Engineers

www.hga-llc.com