



Fuel Management System

PROJECT REPORT

CLIENT: CHH PINE PANELS, AUSTRALIA



CONCEPT DESIGN MANUFACTURE INSTALL COMMISSION OPERATE

INNOVATIVE SOLUTIONS TO INDUSTRY



The Situation

The new fuel management system and heatplant were required to replace a thermal oil heater system that had been completely destroyed by fire in 2000.

The new plant had to be capable of working efficiently on variable fuels, supplying thermal oil to the mill's MDF panel presses, thermal oil to steam generators and hot gas to the fibre dryers.

The Solution

The equipment installed by Brightwater included coarse fuel screening, dust screening, a fully enclosed dry fuel push floor bunker and a 90 cubic metre capacity

elevated mixed fuel surge bunker situated close to the boiler plant.

In addition, conveyor systems were installed between the major items of equipment. Work on site included considerable reconfiguration of the existing fuel management system to align it with the new equipment.

The particular challenge with this installation was to be able to mix the various fuels for optimum efficiency and to give the boiler operators the range of fuel options they required.

The fuel management system installed had to supply not only the new heatplant but also the existing one and the system had to be able to provide a blend of fuels suitable for each heatplant.



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