



Easteel Energy Systems

CHH PINEPANELS

OBERON, NSW AUSTRALIA

PROJECT REVIEW 18

8.5 MW Thermal Oil Heater
Wood Fired

Job Number: 3242
Date Installed: 2003



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BACKGROUND OF PROJECT

After a long association with CHH Oberon (previously CSR) and with CHH group, RCR Easteel Energy Systems was awarded the contract to replace the thermal oil heater plant on site. The previous energy plant had been completely destroyed in a catastrophic fire (due to oil leakage) in 2000.

Designed to burn MDF waste and general sawmill residues, the new plant supplies heat to the CHH MDF lines, Jeldwen and the 2 reconditioned steam generators.

Jeldwen (door skin manufacturers) also sharing the site services with CHH negotiated to utilise the recovery of 5MW of exhaust gases for fibre drying in their own MDF line.

SPECIFICATIONS - HEATER

Medium	Oil
Output Thermal Oil	8500 kW
Output Flue Gas	5000 kW
Oil temp °C	285°C
Fuel	MDF waste, sawmill waste

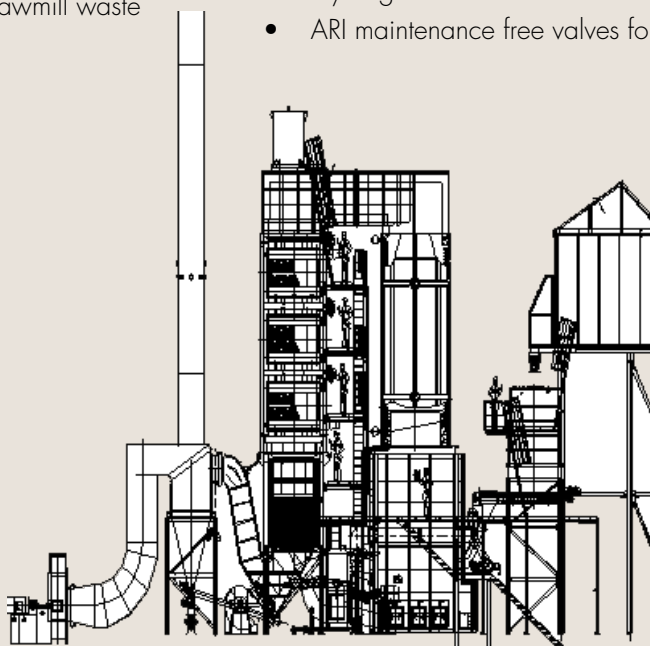
THE RCR EASTEEL SOLUTION

RCR Easteel Energy Systems designed, manufactured, commissioned and installed a new thermal oil heater and ancillaries including;

- 8.5MW Wood Fired Thermal Oil Heater
- Ducting of 5MW Flue Gases to Jeldwen
- Reconditioning of 2 x 6MW Steam Generators
- Expansion System
- Thermal Oil Piping Design
- Unattended operation
- Automation and Control

WHY CHOOSE RCR EASTEEL?

- Proven Easteel Thermal Oil design
- Intec Radiant Coil
- Robust and Reliable
- Low Maintenance
- Hydrograte Stoker
- ARI maintenance free valves for very low leakage risk



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