



Easteel Energy Systems

NELSON PINE INDUSTRIES

NELSON, NEW ZEALAND

PROJECT REVIEW 10

20 MW Watertube Steam Boiler
B&W Towerpak with Vibrating Grate
Wood Fired (Veneer Dryer Flue Gas Incineration)

Job Number: 1445
Date Installed: 2001



20 MW Watertube Steam Boiler B&W Towerpak with Vibrating Grate Wood Fired

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BACKGROUND OF PROJECT

As part of a new greenfield veneer processing facility in Richmond, Nelson Pine Industries contracted RCR Easteel Energy Systems to provide the steam raising plant required for the veneer dryer and log conditioners.

SPECIFICATIONS

Model	Towerpak
Output	20000 kW
Rating F & A	31900 kg/h
Pressure	32 barg
Fuel	Woodwaste
Fuel Moisture	122% ODB

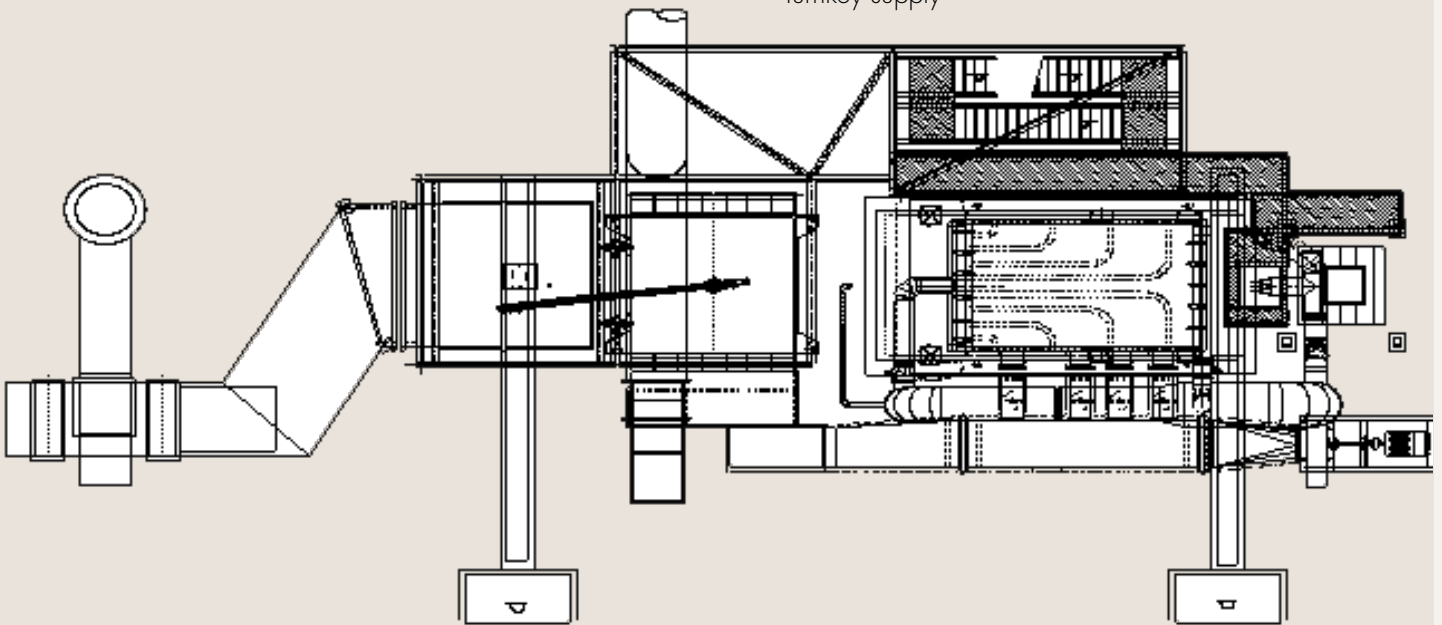
THE RCR EASTEEL SOLUTION

RCR Easteel Energy Systems designed, manufactured, installed and commissioned a new steam system including;

- RCR Easteel complete project management
- RCR Easteel designed and manufactured, B&W 20MW Towerpak steam boiler
- Steam distribution system to veneer dryer and log conditioning chambers
- High pressure condensate heat recovery system
- Incineration of VOC laden exhaust gases from veneer dryer

WHY CHOOSE RCR EASTEEL?

- Unattended operation
- Incineration of VOC laden gases
- Heat recovery of condensate
- Allen Bradley control system
- Intouch SCADA system
- Turnkey supply



NEW ZEALAND

960 Omaha Road
Hastings NZ 4201
Tel: +64 6 873 7055
Fax: +64 6 870 7005
Email: sales@easteel.co.nz

AUSTRALIA

273 Boundary Road
Braeside VIC 3195
Tel: +61 3 9586 5777
Fax: +61 3 9580 9820
Email: easteel@easteel.com.au