

# Steam Engineering, Inc.



A  
Northwest-Based  
Company

**Providing Steam-Related Engineering, Full Service  
Water Treatment, and Tech Support**

Find out how your company can qualify for a **FREE Fuel Savings Analysis** for your specific operation.

## McKenzie Forest Products Increases Production Using Less Steam

McKenzie Forest Products in Springfield, Oregon operates two waste wood-fired boilers at its plywood facility.

McKenzie was challenged to meet the requirements of the facility's air discharge permit, and they had trouble generating a consistent supply of steam to the production facility.

**Steam Engineering** designed a boiler and steam system improvement plan to achieve reliable air permit compliance and helped negotiate its acceptance with the air pollution regulatory agency. We designed and installed new electronic boiler controls that enable the operators to deliver a constant supply of steam to the plywood plant, while minimizing air pollution. We also installed steam load management controls on the plant veneer dryers and a new high temperature boiler feedwater system.

The result is that with balanced steam loads, improved condensate return, and vastly improved combustion control, McKenzie is able to dry more veneer while burning less fuel and generating fewer emissions.

For more information on how your company could benefit from similar improvements, contact **Steam Engineering, Inc.** at **800-346-6152** or [info@steamengineering.com](mailto:info@steamengineering.com).

### Reduce Operating Costs & Increase Profits:

#### ◆ Reduce Fuel Use

- Optimize Combustion Control
- Stop Steam & Condensate Leaks
- Increase Condensate Return
- Recover Blowdown & Flash Steam Heat
- Recover Boiler Stack Waste Heat

#### ◆ Reduce Boiler & Cooling Tower Chemical Use

- Pretreat Makeup Water
- Reduce Chemical Use
- Automate Boiler Chemical Treatment

#### ◆ Reduce Repair & Maintenance

#### ◆ Improve Environmental Compliance

<http://www.steamengineering.com>

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**Let our team of specialists help you solve steam-related challenges.**