

250,000 PPH PACKAGE BOILER

(Selection and Installation)

CLIENT: Weyerhaeuser Paper Company
LOCATION: Springfield, Oregon

The scope of this project was to **1)** Study present plant steam production and usage during critical periods to determine the additional boiler requirements. **2)** Equipment required on the boiler to meet present and future EPA requirements. **3)** Total scheduling from selection through start up. **4)** Boiler selection. **5)** Provide dual fuel equipment. **6)** Provide budgetary costs. **7)** Total engineering for boiler installation. **8)** Start up assistance.

The following engineering skills are required in this project:

- Plant Process Evaluation
- Emission Requirements
- Emission Controls
- Budget Controls
- Project Scheduling
- Project Management
- Complete Understanding of Steam Generation and Control
- Foundation Design
- Building Design
- Structural, Including Free Standing Stack
- Electrical
- Instrumentation and Controls
- Burner Management
- Flame Safety
- Piping Design
- FM and Insurance Carrier Requirements for Boilers
- Valve Sizing and Requirements
- Start Up
- Drawing Requirements and Standards



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