

CUSTODY TRANSFER SYSTEM

CLIENT: Pope & Talbot
LOCATION: Halsey, Oregon

The scope of this project was to provide the project management and engineering for a mill utility custody transfer system integrated with a distributive control system for monitoring and invoicing. The receiving mill is a 200 ton per day bleached paper and converting plant that requires each of the following utility service metered:

- ▶ Natural gas and/or propane mix
- ▶ Mill compressed air
- ▶ Mill water
- ▶ Tempered water
- ▶ Domestic water
- ▶ Steam
- ▶ Condensate flow and quality
- ▶ Chemicals
- ▶ Stock reported as air dried tons
- ▶ Effluent

Evergreen Engineering, Inc. provided all piping design, specifying all instrumentation and supervision of their installation, design of clean power supplies, DCS assignment, configuration and algorithms, programming for automatic data acquisition, trending reports and daily accounting reports and all follow-up to prove legitimacy of data. Using mill standards Evergreen provided a flow diagram, all loop diagrams and specification sheets for the project.



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