



Hot Water Batch Wash Down

Project Name: TMUS Skid Package

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Proctor Sales Inc worked directly with the engineer to execute this package that is based on a Japanese design. This skid has two point mechanical and electrical connections for quick and easy site installation.

PSI piped, wired, and insulated the package on an 8' x 16' platform in our Wilsonville, Oregon fabrication shop. PSI was able to provide the package on time and within budget despite a tight timeframe and many design changes by the end user.

PSI Capabilities that Enhanced this Project

AutoCAD Inventor software for 3-D drawings
Custom control panels with ETL/UL listings

Benefits to Purchasing a Package

Off site construction
Single point responsibility
Simple installation
Reduces subcontractor/vendor involvement

The package consists of the following equipment:

- Stainless steel 2,700 gallon hot water storage tank
- Precision PCW-1 72KW electric boiler
- Tranter stainless steel heat exchanger
- Grunfos stainless steel circulators
- All stainless steel piping
- Taco air separator, expansion tank, pressure reducing valve, and balancing valves
- Seismic restraint calculations and tie down point locates
- Custom PSI control panel (single point electrical connection, with displays for tank level and system temperatures)

Engineer: Inspec Design of Portland, Oregon

End User: Toray Membrane USA of Poway, California