Global Pressure Vessel and Heat Exchanger Manufacturers Increase Efficiency and Save Time Using AutoPIPE Vessel

Striving for Efficiency
World leaders in pressure vessel and heat exchanger manufacturing need to cater to huge production requirements. Hence, they need to speed up the modeling and drawing process, as well as the calculation and cost estimation time for their plant vessels, while staying in compliance with international design standards and codes. Additionally, they are required to reduce bidding time for proposals generated for their clients.

To achieve this, vessel producers need a solution that helps them increase design efficiency, save engineering hours, and ensure confidence in vessel design while improving competitiveness through improved design quality.

Maximizing Productivity
Many of these producers choose Bentley’s AutoPIPE Vessel, a vessel design and analysis application, for their projects. They choose AutoPIPE Vessel for its reliability, speed, ease of use, optimization and calculation capabilities, and the ability to produce detailed drawing deliverables.

The application’s processing speed enables the design team to analyze more complex models in less time. Automated detailed drawings reduce manual drawing time and rework and deliver accurate and safe designs with less resource hours.

“AutoPIPE Vessel’s quick modeling and calculations enabled us to reduce engineering hours by about 20% and reduced drawing time during the proposal engineering cycle by nearly 45%.

We are able to increase efficiency and reduce man-hours all at the same time.”

Accelerating Design Time
Comprehensive, flexible modeling, in-built templates, and an easy-to-use interface enables the designers to find solutions quickly, improves the efficiency of modeling, and increases profitability. AutoPIPE Vessel helps users perform mechanical design of tall distillation columns (towers) much faster. Teams are able to improve productivity and delivery time by enabling easier, more accurate design and analysis.

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