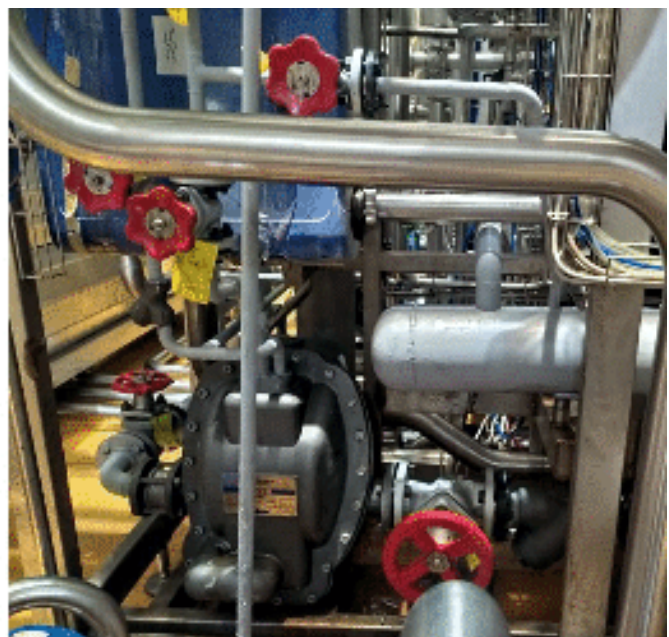


A leading Beverage manufacturer in Thailand

The plant was experiencing difficulties in attaining the desired pasteurisation temperatures. This was significantly impacting plant productivity. The issue was linked to a conventional float trap which was unable to evacuate condensate from the heat exchanger during stall.

Forbes Marshall engineers conducted a thorough analysis and developed a holistic solution. Following implementation, the process operated without stalling and eliminated the need to bypass the steam trap. The plant was able to achieve uniform pasteurisation temperatures, reduce Plate Heat Exchanger (PHE) downtime and associated maintenance costs, and enhance system safety.



Benefits Delivered

Fuel Saved	68,310 Kilograms/Year
Water Saved	1,455 Kilolitres/Year
CO₂ Reduction	200,786.4 Kilograms/Year
Annual Monetary Savings	12,800 USD

