

# Camel Industries Co Ltd

## A leading tyre manufacturer in Thailand

The plant was recovering condensate using a conventional electrical pump, which sustained damage due to the high temperature of condensate. Additionally, the flash steam was being entirely vented to the atmosphere from the collection tank. This was adversely affecting the plant's energy efficiency.

Forbes Marshall engineers conducted a thorough audit of the system and implemented a comprehensive solution. The Condensate Recovery System (CRS) was redesigned and the conventional centrifugal pump and collection tank was replaced with a flashjet pump (FJP). This enabled the plant to recover all energy from flash steam and condensate, even at high temperatures. The improvements enhanced safety, maintained a clean workspace, optimised energy efficiency, and ensured operational reliability.



### Benefits Delivered

<b>Fuel Saved</b>	250,800 Kilograms/Year
<b>Water Saved</b>	1,435.5 Kilolitres/Year
<b>CO<sub>2</sub> Reduction</b>	631,700 kilograms/Year
<b>Annual Monetary Savings</b>	28,000 USD

