Steam and condensate system study

Analyzing the operational condition of the steam and condensate system can let you know its full capabilities for lowering energy usage levels. The study also focuses on determining the changes needed for steam and condensate system equipment and piping for production increase.

Benefits

- Cost-effective operation in the steam and condensate system
- Determines changes needed for production increase
- Maps the current operational condition
- Pinpoints steam erosion and leaks
- Helps to find improper controls adjustment and set points

Savings in energy costs

Early detection and correction of problems in the steam and condensate system ensure better productivity, lower cost per tonne produced and a more systematic development of operations, processes and equipment. Auditing the steam and condensate system keeps you aware of operating conditions and possible energy leakages enabling you to maintain an optimized and cost-effective level of energy consumption.

Ensured cost-effective operation

Concept and capacity analyses with Valmet’s simulation programs identify bottlenecks and provide the optimized arrangement for the steam and condensate system when increasing production.

Contents of the study

The study is performed by a Valmet expert who visits the mill and makes a thorough analysis of the process parameters and data provided by the mill. During the visit, the Valmet expert inspects the external steam and condensate system, studies the process calculations of the system and troubleshoots any specific problems.