

A Plant in Asia of one of the world's leading Aroma and Fragrance Speciality Chemicals Group

The plant was experiencing severe steam-related production bottlenecks, with inadequate steam pressure in two blocks disrupting the productivity of distillation columns. Along with this, a higher Specific Steam Consumption (SSC) vis-à-vis plant's energy consumption norms for each of their products was contributing to the inefficiencies.

Forbes Marshall offered an end-to-end solution comprising audit, design consultancy, product supply, technical supervision and quantification of savings. Our solution eliminated production bottlenecks, improved feed water temperature and significantly reduced the specific steam consumption across their product range.



Benefits delivered

Condensate Recovery Factor (CRF)	Improved from 56 to 88%
Water Saved	67,900 KL/year
Steam Savings	18,480 tons / year
CO₂ Reduction	>6,000 tons/year
SSC Reduction	8 - 35%
Feedwater Temperature	20°C gain in feedwater Temperature

