

Acid gas treatment and sulphur recovery

Today, oil and natural gas feed stocks have an increasingly higher sulphur content and pollutant species. Moreover, as more stringent environmental regulations are being introduced across the globe resulting in the need for even lower sulphur emissions, sulphur removal units must become more efficient. The challenge is to provide cost effective plants that are more dependable and easier to operate.

We meet this challenge by relying on our experience with a record of over eighty plants. A considerable in-house technology base and access to some of the world's best technologies ensure that we can provide clients with the right solutions.

We have also developed advanced process control systems that apply to all units installed in sulphur recovery plants. These solutions provide automated operation at optimum conditions, resulting in minimum energy consumption, minimum sulphur compound emissions and maximum sulphur recovery.

Our expertise in the design and supply of proprietary equipment such as burners and combustion systems places us in a unique position offering a wealth of experience in some of the most demanding aspects of sulphur plants.

Our expertise:

- * [Sulphur removal](#)
- * [Acid gas enrichment](#)
- * Sulphur recovery ([Modified Claus](#) - [Ammonia Claus technology](#) - [Advanced Ammonia Claus Technology](#) - [Oxygen-enriched Claus](#) - [Integrated Claus Process](#))
- * Tail gas treating ([HCR](#))
- * [Sulphur degassing](#)
- * Thermal oxidisers (Claus tail gas incineration)
- * [Sour water stripping](#)
- * [Advanced process control for sulphur recovery plants](#)
- * Thermal reactors and waste heat boilers



* Burners for air and oxygen enrichment for Claus reaction furnaces