**HYSPEC™ MODULAR H₂S DEGASSING UNIT**

Enersul developed the HYSPEC™ H₂S degassing process to quickly, effectively and economically reduce the H₂S content of liquid sulphur to low levels, usually 10 ppm or less. The Hyspec™ is a modular system composed of a series of reactors through which the process operates. The number of reactors determines the degassing capacity of the system, resulting in a customizable and modular system that is adaptable to various capacity requirements.

FIND OUT MORE AT: enersul.com/hyspec
HYSPEC™ MODULAR H₂S DEGASSING UNIT

The HYSPEC™ H₂S degassing units have been designed to meet varying capacities by simply adding or removing reactor units.

**Process Description**

The HYSPEC™ process uses gas-liquid contact inside a series of reactor cells and a select catalyst to aid in the rapid decomposition of hydrogen polysulphides (H₂Sₓ). HySpecTM reactor cells are fabricated with the processing equipment mounted on top. Each reactor consists of a closed cell with a centrally mounted impeller located inside a shroud. This shroud is a tube, which extends from the roof of the cell into the liquid. It is extensively perforated in the region submerged in the liquid sulphur. The reactor is a very efficient gas/liquid contacting device, yet remains simple in design. The number of reactor cells required depends on the liquid sulphur flow rate and input H₂S concentration.