



## Comart S.p.A., Mezzano / Italy

InterApp supplies complete solution and service packages meeting highest safety standards.



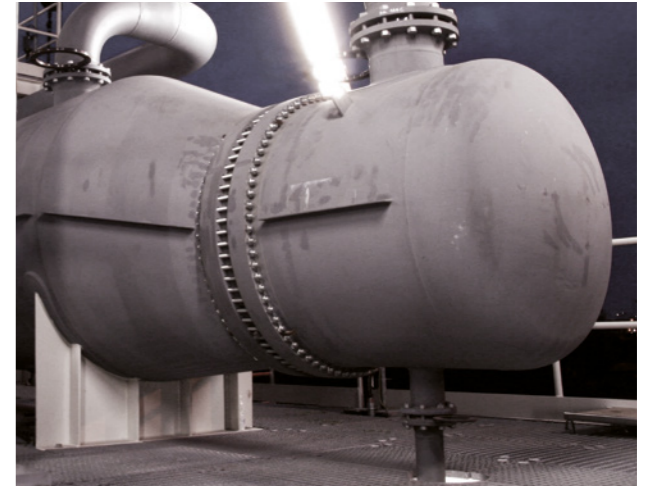
InterApp  
VALVES

CHECK VALVES

GATE VALVES  
ANSI800

GLOBE VALVES  
ANSI150-800

TRUNNION BALL VALVES



Comart is an EPC contractor and supplies process plants in the natural gas treatment. Set up in 1997 by the Tozzi family and by Mercegaglia Group, Comart is owned by Tozzi Industries, part of Tozzi Holding since 1969. With more than 500 employees, the group has enjoyed continuous growth over the past 10 years. Today, the company's products are installed in more than 60 countries all over the world.

Comart has an extensive background in treating acid gases for the removal of  $H_2S$  and  $CO_2$ , principally with amine solutions.

Significant improvements have been made in feed gas pre-contact and temperature control, low pressure drop contactor and stripper design, solution conditioning and regeneration. One of the challenges is the need for an accurate process and a very safe plant.

Gases containing  $H_2S$  or both  $H_2S$  and  $CO_2$  are commonly referred to as sour gases or acid gases in the hydrocarbon processing industries. A typical amine gas treating process includes an absorber unit and a regenerator unit. In the absorber, the down flowing amine solution absorbs  $H_2S$  and  $CO_2$  from the up flowing sour gas to produce a sweetened gas stream (i.e., an  $H_2S$ -free gas) as a product and an amine

solution rich in the absorbed acid gases. The resultant «rich» amine is then routed into the regenerator (a stripper with a reboiler) to produce regenerated or «lean» amine that is recycled for reuse in the absorber. The stripped overhead gas (containing  $H_2S$  and  $CO_2$ ) is further processed in a sulphur recovery plant or flared before being disposed.

InterApp has supplied a complete valve package with swing check valves, gate ANSI800, globe ANSI150-800, trunnion ball valves 12". Manual valves (gate, globe) to be applied in the process lines, utilities and drainages. Actuated valves (trunnion ball) to be applied in the safety system of the plant (plant block in case of danger).

Comart has benefited from InterApp's capabilities to supply a complete technical solution and service, providing competent and reliable support in response to the customer's needs.

InterApp is a subsidiary of the international AVK Group and develops, produces and distributes valves and valve systems. As a customer-focused technology and project management company, InterApp supplies the most innovative fluid technology solutions for the most sophisticated applications and industry sectors in the world.

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