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Two Process Gas Compressors to Spain

Burckhardt Compression delivers two process gas compressors to Spain for the Repsol refinery in La Coruña in Spain.

Burckhardt Compression recorded an order of two compressors from Repsol Petroleo, S.A. in Spain for their refinery in La Coruña. The engineering is done by Initec Industrial in Madrid, Spain. The contract comprises two identical multi-service process gas compressors - make-up and recycle combined on the same frame.

The compressors deliver hydrogen for hydrogen desulfurization (HDS) to meet stringent environmental specifications for gasoline or diesel sulfur and olefin content. The compressors are driven by heavy duty 3800 kW electric motors. This specific process requires knowledge and experience for the operating conditions as well as reliability and high availability for the equipment offered. The horizontal opposed piston ring compressors are manufactured according to API618 4th edition and the latest state of the art technology. The compressors are scheduled to be delivered in the first quarter of 2004. Burckhardt Compression had great support of its subsidiary in Spain in securing the order.

Technical data

Process:	Hydrogen desulfurization
Suction pressure:	22 kg/cm ²
Discharge pressure:	86 kg/cm ²

Process gas compressors are used in the refinery and petrochemical industry. The process gas compressors, manufactured by Burckhardt Compression, can be delivered oil-free or lubricated, horizontal or vertical, according to API 618 specifications. For hydrogen, hydrocarbons and corrosive and other gases. Discharge pressure up to 1'000 bar (15,000 psi), flow up to 100'000 Nm³/h (65,000 scfm), power up to 9'700 kW (13,0000 HP).

Burckhardt Compression is a world leader in reciprocating compressor technology and the only manufacturer of a complete series of labyrinth piston (Laby®), process gas, and hyper compressors for numerous applications. Their compressors are used in the field of oil refining, chemical and petrochemical industries, air separation, as well as gas transport and storage. Burckhardt Compression's worldwide service network ensures a wide customer support service; analysis of compressor performance, complete plant overhaul, consultation, or fulfilling extensive maintenance contracts.

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