

News of August 25, 2021

Burckhardt Compression to Deliver Process Gas Compressors API618 for Largest H2 Liquefaction Plant in South Korea

Burckhardt Compression has been selected as compressor supplier for a hydrogen liquefaction plant in South Korea. The order includes three Process Gas Compressor API618 systems for the compression of hydrogen within the liquefaction process.

The new installation in South Korea is the largest hydrogen liquefier plant worldwide. It is part of the country's strategy to remain a global leader in the development of hydrogen as clean energy. It will be able to produce up to 90 tons of liquefied hydrogen per day. The liquefaction plant is planned to start production in 2023.

Burckhardt Compression is supplying the hydrogen liquefaction plant with three compressor systems, including auxiliaries, with a shaft power of 6.6 MW per compressor. The compressors will be used in parallel for higher liquefaction capacity and to increase the pressure of the supplied hydrogen from atmospheric pressure up to 58 bar.

Burckhardt Compression offers a comprehensive hydrogen compressor portfolio for a variety of hydrogen applications. The company's leading piston compressor technology stands for highest hydrogen purity and longest mean time between overhauls. In addition, Burckhardt Compression's aftermarket service capabilities are supported by an extensive network of service hubs around the world.

Further information:

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About Burckhardt Compression

Burckhardt Compression is the worldwide market leader for reciprocating compressor systems and the only manufacturer and service provider that covers a full range of reciprocating compressor technologies and services. Its customized compressor systems are used in the gas gathering and processing, gas transport and storage, refinery, chemical, petrochemical as well as in the hydrogen mobility and energy and industrial gas sectors. Burckhardt Compression's leading technology, broad portfolio of compressor components and the full range of services help customers around the world to find the optimized solution for their reciprocating compressor systems. Since 1844, its highly skilled workforce has crafted superior solutions and set the benchmark in the gas compression industry.

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For further information please visit www.burckhardtcompression.com
