

Burckhardt Compression Ensures Reliable Compressor Systems for Marine Vessels

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Burckhardt Compression, the leading company for compression solutions, recently provided a full range of compressor and auxiliary services for four marine vessels that were undergoing their five-year service at a dry dock in Korea. All four vessels were under a long-term service agreement (LTSA) with Burckhardt Compression, which made it possible for the scope and expected spare parts to be prepared well ahead of time. The service was completed within three and a half months, despite the challenges of hot and rainy weather as well as a confined work area with simultaneous work ongoing by different teams.

During the dry-dock period, Burckhardt Compression serviced the compressor systems and auxiliaries, including gas coolers, pressure safety valves (PSVs), lubricators, and pressure control valves (PCVs). The preparation for the service began over the course of a year before the dry-dock period and involved not only the coordination of several Burckhardt Compression locations but also of authorized service partners.

The service scope included a 30'000-hour overhaul, reconditioning of parts, and spare parts supply for the compressor systems. Burckhardt Compression Korea provided a complete range of services as agreed in the LTSA, including project management, coordinating several locations and authorized service partners, as

well as executing complete overhauls of the service of gas coolers and PSVs at the Burckhardt Service Center in Korea.

Despite the tight maintenance schedule and strict regulations to guarantee safety, Burckhardt Compression Korea overcame many difficulties and provided high-quality OEM-level services. The optimized compressor performance ensured that it would last at least until the next service in 30 months' time.

A spokesperson for the vessels' operator said, "Thanks to a close collaboration with Burckhardt Compression Korea, our five-year dry dock maintenance of the high-pressure cargo compressors was successfully completed. Several critical and minor issues had been observed during the maintenance period. Through quick and technical reaction, all the issues could be treated properly without any delay. Also, we'd like to express our special thanks for "zero incidents". During the entire period, Burckhardt Compression Korea had followed all the safety regulations, and we had witnessed the impressive safety consciousness of the workforce."

Burckhardt Compression's expertise in providing a full range of compressor and auxiliary services, and its commitment to safety and high-quality services have once again proven to be valuable to its customers.

Image captions:



Image 1: Customer vessel in dry dock awaiting service of its compressor



Image 2: Servicing of the compressor



Image 3: Compressor gas cooler tube being removed for service

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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 industrial gas and hydrogen mobility and energy 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

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