

News of April 5, 2022

Burckhardt Compression: Groundbreaking for the construction of a hydrogen test facility in Winterthur

Today Burckhardt Compression in Winterthur laid the groundbreaking for the construction of a hydrogen test facility. It will serve the further development of sealing technologies and solutions for hydrogen refueling stations for heavy-duty vehicles.

Burckhardt Compression is one of the finalists selected by Shell New Energies as a partner for the development of oil-free high-pressure hydrogen compressors. Burckhardt Compression's solutions for export and refueling applications will enable the compression of hydrogen gas up to 900 bar (as a booster) using non-lubricated compressors.

Fabrice Billard, CEO Burckhardt Compression:
"Hydrogen is an energy carrier with considerable potential, especially for heavy-duty applications. We are pleased to continue researching these technologies together with Shell New Energies in order to contribute to the energy transition and the reduction of CO₂ emissions. Our teams, together with Shell New Energies, have successfully completed the first technical milestones of the project and this new facility will allow us to test and optimize the new compressors before launch."



f.l.t.r. Fabrice Billard, CEO Burckhardt Compression, Guido Kluth, Machinery Systems Manager Hydrogen Mobility Shell New Energies, Markus Vogt, Engineer, Engineering Office K. Vogt AG

The test facility is expected to be operational by the end of 2022/early 2023, with testing to be completed by the end of the same year.

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 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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Further information at www.burckhardtcompression.com, [Twitter](#), [LinkedIn](#)