

PRESS RELEASE

Gas jet compressor systems to increase the rate of yield of natural gas fields

Düsseldorf (Germany), June 27, 2016 – GEA designed, manufactured and delivered a gas jet compressor system for an offshore platform in the North Sea consisting of a jet pump (ejector) with a total length of about 4.5 m and silencers to reduce the sound pressure level. At a new drilled well natural gas is available with a pressure of up to 600 bar. The gas pressure decreases in the course of exploitation of the gas field. At a defined gas pressure, the gas delivery rate is so low that the mechanical compressor is no longer economical.

Gas jet compressors are perfect to increase the natural gas pressure and to allow extending the use of the installed mechanical compressors. In this way, the gas field life is prolonged. The system compresses a low-pressure natural gas (8 barg) by using a high-pressure natural gas (90 barg) to an intermediate gas pressure (12 barg). GEA managed to increase its portfolio by designing the ejector-body for 137 barg – and on the motive side for 213 barg.

The material of construction is corrosion resistant and corrosion tested Duplex-stainless steel, which is coated with sprayed Aluminum. Ejectors are reliable in operation at low operating costs. They are almost maintenance-free because they are of simple construction, having no moving parts. Almost any vacuum duty can be accommodated including large suction flows.

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GEA is one of the largest suppliers for the food processing industry and a wide range of process industries that generated consolidated revenues of approximately EUR 4.6 billion in 2015. As an international technology group, the Company focuses on process technology and components for sophisticated production processes in various end-user markets. The Group generates more than 70 percent of its revenue in the food sector that enjoys long-term sustainable growth. As of March 31, 2016, the Company employed over 17,000 people worldwide. GEA is a market and technology leader in its business areas. The Company is listed in Germany's MDAX (G1A, WKN 660 200). In addition, GEA's share is a constituent of the MSCI Global Sustainability Indexes. Further information is available on the Internet at gea.com.

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