Siemens hits 100th recip compressor milestone

Siemens’s Dresser-Rand business has sold its 100th reciprocating compressor to a midstream operator. The operator ordered 11 heavy oilfield separable (HOS) compressors, which will be used for gas gathering in the Permian Basin. Since 2012, the operator has purchased 106 high-speed reciprocating compressors from Dresser-Rand.

The compressors will be installed near a gathering system that has 4500 miles (7242 km) of natural gas gathering pipelines that span across nine counties within the Permian Basin in West Texas. The gathering system has a processing capacity of 875 MMcfd (24.7 X 10^6 m^3/d). Two of the 11 HOS compressors will be used in two new 250 MMcfd (7.1 X 10^6 m^3/d) plants, which will begin operating in 2019.

The HOS compressor is engineered for higher horsepower applications, including gas lift, gas gathering, pipeline boosting, gas transmission, underground gas storage (injection and withdrawal), fuel gas boosting, and landfill gas among other applications. These compressors are suited for sweet natural gas services, as well as sour natural gas, propane, carbon dioxide, air, nitrogen, and most other gases.

It is rated to 7200 hp (5370 kW) at 1500 rpm with design pressures up to and exceeding 6600 psig (455.1 bar). HOS compressors are available in two-, four- or six-throw configurations and in cylinder sizes ranging from 3.75 in. (95.3 mm) to 26.5 in. (673.1 mm).
Monico brings mCore to market

Monico has introduced mCore, a condition monitoring platform that also serves as a protocol translator and edge device gateway. mCore is designed for remote monitoring, telematics and edge analytics for heavy industrial mobile applications.

Monico said it made cybersecurity a key focal point of the mCore, which contains high assurance boot (HAB), serialized X.509 certificates for bi-directional authentication and other forms of hardware encryption.

mCore also incorporates a quad core 1 GHz processor, with each core containing one Neon math co-processor with the capability of handling 1.8 billion floating point calculations per second. Together, the processor can handle 7 billion calculations per second.

The device can withstand high-vibration and high-shock environments. Its enclosure is IP66/IP67 rated and is dust and water resistant, the company said.

According to Monico, subsequent versions of the device are planned for the future.

Epic International has named John Sargent the company’s new chief executive officer effective immediately. In this role, Sargent will lead Epic’s global growth initiatives for both the reciprocating and centrifugal compressor aftermarket businesses.

Sargent has more than 24 years of domestic and international experience in the compressor industry. Most recently, he served as vice president of Energy for Epic and previously spent the two decades in various sales and operations roles with El Paso Corp., Cameron International and Spitzer Industries.

Hicor Technologies, a compression technology company, has appointed Rob Perry as its chief executive officer. Perry spent the past eight years in two different roles at TechnipFMC; global systems engineering director and global director of subsea processing. Before that, he spent more than 22 years at BP in a variety of technical and commercial roles, his latest as vice president of deepwater facilities technology. He also led BP’s research and development division.

Freudenberg Filtration Technologies has overhauled its website to make it easier to navigate. The new homepage, www.freudenberg-filter.com, was revamped for user optimization, clear navigational solutions and customized content to the user.