

Siemens equipment selected for billion-dollar crude flexibility project with ADNOC Refining in UAE

- **Siemens to supply 19 net-gas, off-gas and recycle gas compressors for crude flexibility project**
- **The project will enable the refinery to process up to 420,000 barrels per day of offshore crude oil**

Siemens was recently selected to provide 19 process reciprocating compressors for ADNOC Refining's crude flexibility project at Ruwais Refinery-West. The project is intended to increase the refinery's crude processing flexibility, enabling the site to process up to 420,000 barrels of oil per day of the local crude grade known as Upper Zakum, which is found offshore. The upgrade will improve the value of each barrel of oil and allow ADNOC to export more of its main onshore, lighter-grade Murban crude.

Project commissioning is expected in 2022.

Siemens will provide two 2HSE-2 net-gas reciprocating compressors; two 2HHE-VG-1 reciprocating compressors; three 2HSE-1 NL hydrogen-recycle reciprocating compressors; four 4HHE-VB off-gas reciprocating compressors; and eight 4BDC-18H3 make-up hydrogen reciprocating compressors. These API 618 process reciprocating compressors are known for their rugged design, high reliability and flexible operating range. The compressors are supplemented with a pipeline cylinder

Siemens AG
Communications
Head: Clarissa Haller

Werner-von-Siemens-Straße 1
80333 Munich
Germany

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design that incorporates the company's legacy know-how with the latest advances in design practices, materials, valves, and capacity control.

Siemens' Dresser-Rand process reciprocating compressors are available with up to 10 crank throws, as single-throw or balanced-opposed configurations. Each compressor is custom engineered to meet customers' specific operating requirements.

“Our design flexibility, ability to supply everything from a single source, advanced compressor technology, and competitive pricing were critical to being selected for this mega-project,” said Executive Vice President New Equipment Solutions and Corporate Account Management for Siemens Oil and Gas, Matthew Chinn. “Our rugged, highly efficient compressors will help ADNOC Refining increase the economic efficiency of its operations and expand flexibility to process up to 420,000 barrels per day of other crude.”



Above: Siemens 2HSE-2 net-gas reciprocating compressor like those that will be installed at the Ruwais Refinery-West plant.

This press release and press picture are available at

www.siemens.com/press/PR2018110069PGEN

For further information on the **process reciprocating compressors**, please see <http://bit.ly/2MI4Sdv>

Contact for journalists

Janet Ofano

Tel.: +1 803-389-6753; Email: janet.ofano@siemens.com

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