

Technip awarded contract to supply reformer for STAR hydrogen plant

Technip has been awarded a lump sum contract to supply its proprietary technology, detailed engineering and procurement services for a reformer for a hydrogen plant. The plant is located near the STAR Aegean Refinery to be built in Izmir, Aliaga, Turkey.

The reformer, which is the heart of a hydrogen plant, will produce 160,000 Nm³/h⁽¹⁾ of hydrogen product and high quality export steam to be used by the refinery.

Early involvement represents a strategic focus for Technip. After having provided basic engineering for the complete hydrogen plant, the Group will now carry out the detailed engineering and supply of the reformer, based on Technip's proprietary top-fired steam methane reforming technology.

Stan Knez, President, Technip Stone & Webster Process Technology, commented: *"We are delighted to continue our involvement with this project and see that the application of Technip's proprietary technology is increasing our global footprint in refinery applications."*

The reformer project will be executed by Technip's office in Zoetermeer, the Netherlands, a Technip center of excellence in hydrogen technology. The grassroots refinery is foreseen to come on-stream in 2018.

With over 260 hydrogen units licensed worldwide, Technip has been consistently recognized as the market leader in the design and supply of hydrogen reformers and hydrogen production plants.

⁽¹⁾Normal meters cubed per hour, a unit used to measure gas flow rate

Fast Facts

About onshore products

- **Hydrogen:** hydrogen is widely used in petroleum refining processes to remove impurities found in crude oil such as sulfur, olefins and aromatics to meet the product fuels specifications. Removing these components allows gasoline and diesel to burn cleaner and thus makes hydrogen a critical component in the production of cleaner fuels needed by modern, efficient internal combustion engines.
- **Reformer:** a reformer (also called steam reformer or steam methane reformer) is a widely used industrial processing device in which a fossil fuel reacts with steam at high temperatures in the presence of a catalyst to produce hydrogen.

Learn more on Technip's Hydrogen Technology :

http://www.technip.com/sites/default/files/technip/fields/publications/attachments/hydrogen_technology_may_2015_web.pdf

Technip is a world leader in project management, engineering and construction for the energy industry.

From the deepest Subsea oil & gas developments to the largest and most complex Offshore and Onshore infrastructures, our 36,000 people are constantly offering the best solutions and most innovative technologies to meet the world's energy challenges.

Present in 48 countries, Technip has state-of-the-art industrial assets on all continents and operates a fleet of specialized vessels for pipeline installation and subsea construction.

Technip shares are listed on the Euronext Paris exchange and traded in the USA on the OTCQX marketplace (OTCQX: TKPPY) as American Depositary Receipts.



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