

## **Air Products Building World Class Hydrogen Plant in China**

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### **First-Ever Contract for Outsourced Hydrogen Supply for a State-Owned Refinery in China**

LEHIGH VALLEY, Pa., June 8, 2010 /PRNewswire via COMTEX/ --Air Products (NYSE: APD), the leading global hydrogen provider to refineries, today announced that its joint venture company based in Sichuan, China has signed a long-term agreement to build a hydrogen production facility for PetroChina Company Limited, one of the largest oil and gas companies in the world. It is the first time that a state-owned refinery in China has outsourced its hydrogen requirements. The steam methane reformer (SMR) will produce hydrogen and syngas to support PetroChina's Sichuan refinery and petrochemical facilities. The facility will produce over 90 million standard cubic feet per day of hydrogen and is targeted to be on stream in early 2012.

"We are honored to be part of this first-ever contract to provide outsourced hydrogen to PetroChina. We have a similar JV that has already contracted with PetroChina to supply oxygen and nitrogen, so we are pleased that they have shown further confidence in Air Products providing a reliable, low-cost supply of hydrogen and other industrial gases for their new Sichuan refinery and ethylene complex. This project will help make cleaner transportation fuel available to meet China's growing demand," said Phil Sproger, vice president-Business Development for Asia at Air Products.

The hydrogen production plant will feature technology advancements to maximize facility energy efficiency and emission reductions. The enhanced SMR design targets minimal loss of heat to the environment, which in turn reduces the quantity of natural gas required to make hydrogen. These efforts and other productivity improvements support Air Products' overall sustainability goals of reducing energy consumption and emissions.

PetroChina plays a leading role in the oil and gas industry in China as its largest oil and gas producer and distributor. PetroChina was established as a joint stock company with limited liabilities by China National Petroleum Corporation in 1999.

This is the second contract announced with PetroChina in the past year. In September of 2009, the same Air Products joint venture company signed an agreement to build an air separation unit (ASU). The ASU will supply oxygen and nitrogen to PetroChina's main refinery and ethylene complex in Sichuan, as well as produce liquid products for Air Products' merchant gases customers in the Chengdu area. The ASU is targeted to be on-stream in late 2011.

The Sichuan hydrogen facility will be built through the global alliance between Air Products and Technip. This alliance, which has built over 30 hydrogen production facilities, continues to provide the worldwide refining industry with competitive technology and world-class safety. Technip provides the design and construction expertise for steam reformers while Air Products provides the gas separation technology. Air Products, through its extensive operating network, and Technip, from its large reference base, also bring effective operational and engineering knowledge to "design-in" high reliability and efficiency.

#### **About Air Products**

Air Products (NYSE: APD) serves customers in industrial, energy, technology and healthcare markets worldwide with a unique portfolio of atmospheric gases, process and specialty gases, performance materials, and equipment and services. Founded in 1940, Air Products has built leading positions in key growth markets such as semiconductor materials, refinery hydrogen, home healthcare services, natural gas liquefaction, and advanced coatings and adhesives. The company is recognized for its innovative culture, operational excellence and commitment to safety and the environment. In fiscal 2009, Air Products had revenues of \$8.3 billion, operations in over 40 countries, and 18,900 employees around the globe. For more information, visit [www.airproducts.com](http://www.airproducts.com).

#### **About PetroChina**

PetroChina is one of the largest oil and gas companies in the world. PetroChina is engaged in a broad range of oil and natural gas activities including the exploration, development, production and marketing of crude oil and natural gas; refining, transportation, storage and marketing of crude oil and oil products; production and marketing of primary petrochemical products, derivative chemical products and other chemical products; and transportation of natural gas, crude oil and refined products. Additional information on PetroChina is available at the Company's website: [www.petrochina.com.cn](http://www.petrochina.com.cn).

### **About Technip**

Technip is a world leader in the fields of project management, engineering and construction for the oil & gas industry, offering a comprehensive portfolio of innovative solutions and technologies.

With 23,000 employees around the world, integrated capabilities and proven expertise in underwater infrastructures (Subsea), offshore facilities (Offshore) and large processing units and plants on land (Onshore), Technip is a key contributor to the development of sustainable solutions for the energy challenges of the 21<sup>st</sup> century.

Present in 48 countries, Technip has operating centers and industrial assets (manufacturing plants, spoolbases, construction yard) on five continents, and operates its own fleet of specialized vessels for pipeline installation and subsea construction.

The Technip share is listed on Euronext Paris exchange and over the counter (OTC) in the USA. For more information, visit: [www.technip.com](http://www.technip.com).

\*\*\*NOTE: This release may contain forward-looking statements. Actual results could vary materially, due to changes in current expectations.

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