DuPont Wins Repeat STRATCO® Alkylation Technology Contract from Sinopec Further Reducing Environmental Impact in China

The STRATCO® alkylation unit will enable Sinopec Qilu to generate low-sulfur, high-octane, low-Rvp alkylate with zero olefins that meets the criteria of the China V standard.

WILMINGTON, Del. (PRWEB) August 24, 2017 -- DuPont Clean Technologies (DuPont) has been awarded the contract to supply the China Petroleum & Chemical Corporation (Sinopec) with a second STRATCO® alkylation unit; this time for the Sinopec Qilu Petrochemical Corporation (Sinopec Qilu). The Sinopec Qilu company is a large-scale refiner and producer of petrochemicals, fertilizers and chemical fiber in Zibo, Shandong Province. In order to comply with the China V standard of 10 ppm sulfur content for fuel, Sinopec commissioned DuPont for the license, engineering and equipment of a STRATCO® alkylation unit with 400 kmta (10,300 bpsd) alkylate capacity.

The STRATCO® alkylation unit will enable Sinopec Qilu to generate low-sulfur, high-octane, low-Rvp alkylate with zero olefins that meets the criteria of the China V standard. Startup is targeted for mid-2018.

“Due to extreme plot space limitations within the Sinopec Qilu refinery, DuPont has designed the STRATCO® alkylation unit with the innovative Model 74 Contactor™ reactors. This is the first application of the Model 74 Contactor™ reactors, which were developed to reduce the number of reactors in an alkylation unit. This not only reduces the amount of plot space required, but also results in an overall lower capital cost while offering the extremely high reliability and on-stream time that refiners have come to expect from the STRATCO® alkylation technology,” said Kevin Bockwinkel, global business manager, STRATCO® Alkylation Technology.

Fundamentally, the Model 74 Contactor™ reactor is the same as commercially operating Contactor™ reactors in service throughout the world. The Model 74 Contactor™ reactor includes the latest improvements and each has a volume of 68.1 m³ (18,000 gallons) while the standard size Contactor™ reactor (Model 63) has a volume of 43.5 m³ (11,500 gallons) per reactor. Both reactor models are commercially available from DuPont.

“Sinopec is driving gasoline and diesel production to new, lower-emission specifications at its refineries,” said Eli Ben-Shoshan, global business leader, DuPont Clean Technologies. “DuPont is pleased to be able to assist Sinopec with a custom-designed solution for its site to produce cleaner fuel.”

The Sinopec Tianjin Company (TPCC) had previously awarded a contract to DuPont for a STRATCO® alkylation unit at its oil refinery in the Tianjin Binhai New Area district in northern China. The Tianjin alkylation unit startup is scheduled for mid-2018.

Licensed and designed by DuPont, the STRATCO® alkylation technology is the established global leader in the industry with over 90 units licensed worldwide and more than 850,000 bpsd (33,300 kmta) of installed capacity. For over 80 years, the STRATCO® technology has helped refineries safely to produce cleaner-burning fuel with high octane, a low Rvp, low sulfur and zero olefins.

The DuPont Clean Technologies applies real-world experience, history of innovation, problem-solving success and strong brands to help organizations operate safely and with the highest level of performance, reliability, energy efficiency and environmental integrity. The Clean Technologies portfolio includes STRATCO®
alkylation technology for production of clean, high-octane gasoline; IsoTherming® hydroprocessing technology for desulfurization of motor fuels; MECS® sulfuric acid production and regeneration technologies; BELCO® air quality control systems for FCC flue gas scrubbing and other refinery scrubbing applications; MECS® DynaWave® technology for sulfur recovery and tail gas-treating solutions; and a comprehensive suite of aftermarket service and solutions offerings. Learn more about DuPont Clean Technologies at http://www.cleantechnologies.dupont.com.

DuPont (NYSE: DD) has been bringing world-class science and engineering to the global marketplace in the form of innovative products, materials and services since 1802. The company believes that by collaborating with customers, governments, NGOs, and thought leaders we can help find solutions to such global challenges as providing enough healthy food for people everywhere, efficient use of fossil fuels, and protecting life and the environment. For additional information about DuPont and its commitment to inclusive innovation, please visit http://www.dupont.com.

###

08/24/17

The DuPont Oval logo, DuPont™ and all products, unless otherwise noted, denoted with ™, © or ® are trademarks or registered trademarks of E.I. du Pont de Nemours and Company or its affiliates.
Contact Information
Jeannie Branzaru
DuPont Clean Technologies
+1-913-327-3552

Kevin Bockwinkel
STRATCO® Alkylation Technology
+1-913-327-3536

Online Web 2.0 Version
You can read the online version of this press release here.