2011 Baker Hughes Seminar: Fundamentals of Overhead System Corrosion

Wednesday October 12, 2011, 12 p.m. to 5 p.m.
(Immediately after the 2011 NPRA Q&A and Technology Forum)
JW Marriott Hill Country Resort & Spa
San Antonio, Texas
Lunch will be provided

Overview:

This course is designed for refinery engineers who want to expand their knowledge of aqueous corrosion in refinery processing units. Today's refineries face significant, new challenges. Declining feedstock quality and more severe operating conditions can substantially increase overhead system corrosion. Corrosion concerns can affect overhead systems in any refinery process, including crude and vacuum units, FCCUs and Cokers, as well as HDS units. In response to these challenges, this course provides a concise review of the latest methods used to diagnose and control aqueous corrosion. Topics will include:

- Corrosion mechanisms and morphology
- Operational factors that influence corrosion
- Diagnostic techniques
- Simulation modeling
- Mitigation methods
- Monitoring technology
- Best practices for corrosion control
- Field Case Studies

If you would like to register, or have any questions about this seminar, please contact:

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DuPont Sustainable Solutions
CLEAN TECHNOLOGIES

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IsoTherming® Hydroprocessing Technology Symposium

Presented by DuPont Sustainable Solutions

DuPont is presenting an opportunity for NPRA Q&A attendees to learn more about its' IsoTherming® hydroprocessing technology on October 9, 2011 from 1-4 pm at the JW Marriott San Antonio Hill Country Resort & Spa.

IsoTherming® hydroprocessing technology is a commercially proven breakthrough process, licensed by DuPont, providing petroleum refiners a more economical and flexible means of hydrotreating and/or mild hydrocracking of gas-oil and distillate streams. Attendees will have an opportunity to learn about the differences between IsoTherming® and conventional technology for hydroprocessing. In addition, commercial operations will be discussed along with applications for which the technology is particularly well suited

Advanced registration is required so please contact Debra Weston by phone, 913-327-3515, or email at Debra.L.Weston@stratco.dupont.com.

SÜD-CHEMIE HYDROGEN PLANT SEMINAR

SÜD-CHEMIE
CREATING PERFORMANCE TECHNOLOGY

Wednesday, October 12, 2011 ♦ Noon - 5:00pm

(Lunch provided)

NO REGISTRATION FEE

Hydrogen plant overview – designs, feedstocks, H2 purity

Steam-Methane-Reforming – the heart of the plant

- Reactions
- Types of reformers
- Reforming catalysts: Thermodynamics and Kinetics, Operation, Loading, startup, shutdown, Monitoring performance / troubleshooting, Measuring tube wall temperatures

High Temperature Shift Catalyst – More Hydrogen

- Reactions
- Catalyst Thermodynamics and Kinetics, Operation, Loading, startup, shutdown, Monitoring performance / troubleshooting

Feed Pre-Treatment

- Catalysts and Adsorbents, Organic sulfurs, Operation / troubleshooting

Full Plant Performance Survey