

COKER FRACTIONATOR AND HEATER TRAINING

Calgary, Canada September 13, 2010 • Galveston, Texas April 11, 2011

Day 1 – Thursday September 16, 10:00–5:00

- Current issues in delayed Coking
- Basic Yields
- Furnace Fouling
- General Furnace Optimization
- Furnace Modeling
- De-Coking Heaters - Spalling/Pigging
- Coke Drum Operations
- Drum Cycle Times
- Drum Safety Issues
- Drum Cooling Issues
- Anti-Foam Best Practice

Day 2—Friday, September 17, 8:00—4:00

- Slide Valves - Delta Valves
- Fractionation Overview
- Fractionator Best Practices
- Flash Zone Design - Minimizing Recycle
- Coke Fines & Water Separation Systems
- Gas Oil Quality
- Naphtha Quality
- Sludge Injection
- Coke Cutting
- Coke Handling
- Blow Down System
- Trouble Shooting

Early registration until August 6,
2010-\$900. Regular-\$1000

Instructor

Sim Romero

With 30 years experience in delayed coking and heavy oils, Sim is a Principal Consultant for KBC Advanced Technologies.



Expertise includes simulating delayed coker operations, test run execution and analysis, delayed coker yields and furnace model development, unit optimization and reliability management, unit troubleshooting, unit start-up and general delayed coker operations.

Additionally, Sim has expertise in other heavy oil operations - crude & vacuum units, desalter operations, visbreakers, ROSE and solvent deasphalting units.



Small group hands-on exercises at the training class

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As crude oils get heavier, refiners are looking for ways to increase the yield from the bottom of the barrel. They are turning to delayed coking and upgrading. This training covers advanced concepts. It is best suited for those with prior experience in design, process engineering, operations and maintenance of a delayed coker unit.

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www.Coking.com/Training, 1.403.668.7467 Canada, 1.360.966.7251 US, 44.(0)2081.503669 UK, info@coking.com.

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