

FCCU Operations Fundamentals

The FCCU is one of the most flexible processing units in the refinery. The FCCU can change operations from the production of large volumes of gasoline blending components (up to 70 volume percent of the pool), to the production of large volumes of diesel blending components (up to 40 volume percent of the pool). The FCCU also produces approximately 110 barrels of product for every 100 barrels of feed. With this range of demonstrated flexibility and volume expansion, the FCCU is one of the most valuable process units in the refinery.

What You Will Learn

Day 1

- Regenerator
- Reactor
- Standpipes and Risers
- Flue Gas System
- Things to watch on an FCCU

Day 2

- How do I learn my unit
- On-the-Run Procedures
- Shut-down Procedures
- Start-up Procedures
- Pre-Start-up Checklists
- S/D Philosophy & Planning
- S/D Planning & Execution

Prerequisites

An understanding of refining processes and petroleum refinery terminology is helpful, but is not required for this course. In general, attendees should come prepared to share what they want to learn prior to returning to their workplace.

Course Information

April 28–29, 2014

Class starts at 8:00am and finishes at 5:00pm both days. The program includes breakfast, lunch, and coffee/tea breaks. Attendees also receive a class manual that can serve as a valuable office reference. Dress code is casual.

Your Instructor



Ken Peccatiello has over 32 years experience in FCC operations and technology including Director of FCC Technology for Valero Energy Corporation in San Antonio, TX and ChevronTexaco FCC Expert (worldwide) providing:

- Troubleshooting/Problem-solving,
- Turnaround Support,
- Start-up and Shut-down support,
- Operational support and optimization,
- Best practice development and implementation,
- Project development and implementation,
- Training of personnel

He also worked for WR Grace's Technical Service division and as Technical Superintendent at the Lake Charles, LA catalyst manufacturing facility.

Ken began his career with Amoco Oil in 1977 at the research facility in Naperville, IL where he was involved with multiple FCC studies and the development stages of FCC resid processing. He later became FCCU Operating/ Process Engineer at the Amoco, Texas City, TX refinery. Ken holds a BSChE from The Illinois Institute of Technology.

Course Fees

Course Pass includes
Welcome Reception and Exhibition
on Tuesday evening

Early (ends March 21, 2014) **\$1,375**
Regular **\$1,575**

REGISTER NOW
regonline.com/RefCommGalveston

Early Registration Ends March 21, 2014

Payment

Due prior to the start of the training by Visa, Master Card, American Express, bank wire transfer or corporate check. Training fees will be charged to your credit card at the time of registration unless other arrangements have been made. Make checks payable to "Coking.com Inc."

Refund Policy

Fees are fully refundable until April 7, 2014 (three weeks before the event), after which a \$200 fee will be charged for cancellations. Registering for this course prior to April 7, 2014 will help maximize the probability that the course will proceed as planned. Cancellations after April 21, 2014 (1 week before class until 24 hours before class) are charged a 50% fee. All other cancellations and no-shows are non-refundable. Substitutions are allowed. All cancellations and transfers need to be submitted in writing, by email or by fax.

Please contact us for more information on Refining Community policies.

Hotel Information

Moody Gardens Hotel and Convention Center

7 Hope Boulevard
Galveston, Texas 77554
Phone (888) 388-8484
MoodyGardensHotel.com

Mention **RefComm**
to receive a special room rate
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REFCOMM 25

**This is our 25th conference
and we invite you to be part of the success!**

Beginning in 2001 we have hosted training and conferences all over the world with an emphasis on safety:
More production – less risk.

Schedule of events and other classes offered at RefComm during the week of April 28 – May 2, 2014

Monday	Tuesday	Wednesday	Thursday	Friday
Training		Catalytic Reforming Fundamentals		Alkylation Fundamentals
Delayed Coker Operations & Reliability Coker Process, Design, & Troubleshooting Mechanical Integrity Management of Coke Drums FCCU Operations Fundamentals FCCU Process Fundamentals & Recent Developments Hydrotreating Fundamentals Understanding Fixed Equipment Integrity		 Presentations Breakout Discussions Workgroups	 Presentations Demonstrations	 Presentations Breakout Discussions Workgroups
Exhibition Tuesday 5:00pm – Thursday 7:00pm				