

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

SSD & SSI Safety Shutdown Systems & Safety Interlocks

Procedures:

- ShutDown
- StartUp
- On the Run

S/U Checklists

S/D Philosophy and Planning

Troubleshooting (if needed)

Day 2

S/D Equipment Design and Inspection:

- Regen
- Reactor
- Standpipes and Risers
- Flue Gas System

FCC Incidents (if needed)

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

29–30 September 2014

Class starts at 9:00 and finishes at 18:00 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

Early (ends 18 August 2014) **\$1,090**
Regular **\$1,190**

Prices are in US dollars.
Course Pass is for training only.
Add the Conference Pass
to get complete admittance.

REGISTER NOW
regonline.com/RefCommRio

Early Registration Ends 18 August 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 8 September 2014 (three weeks before the event), after which a \$200 fee will be charged for cancellations. Registering for this course prior to 8 September 2014 will help maximize the probability that the course will proceed as planned. Cancellations after 22 September 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

Sheraton Rio Hotel & Resort

Av. Niemeyer, 121 – Leblon
Rio de Janeiro – RJ
22450-220, Brazil
+55 21 2529 1122
Sheraton.com/Rio

Mention **Coking**
to receive a special room rate
when you book your reservation
with Sheraton Rio



We want you to be safe and reliable

We bring together the Coker and CatCracker operator and reliability technicians, process and mechanical engineers, inspectors, supervisors, suppliers, and EPC's to learn from each other's expertise and improve productivity while lowering the risk.

Join the Refining Community!
RefiningCommunity.com

The Coking & CatCracking Conference is now

REFCOMM

We are returning to Rio De Janeiro!

At our first Rio conference in 2009, we had an attendance of approximately 175 delegates from multiple regional companies including a strong showing from Petrobras.

The training and conference at RefComm has been enthusiastically embraced by YPF, Shell, Axion, Eco-petrol, PDVSA, Petrobras, and many regional vendor companies. Simultaneous translation during the conference will be offered in Portuguese, Spanish, and English.

Schedule of events and other classes offered at RefComm during the week of 29 September – 3 October 2014

Monday-Tuesday: Training

Delayed Coker Operations & Reliability
Coker Process, Design, & Troubleshooting
Mechanical Integrity Management of Coke Drums
FCCU Operations Fundamentals
FCCU Process & Recent Developments
Understanding Fixed Equipment Integrity



Tuesday Informal Reception

Wednesday

Thursday

Friday



Presentations
Breakout Discussions
Workgroups

Exhibition Wednesday – Thursday