



—TRAINING—
GALVESTON, TEXAS
APRIL 30 – MAY 1, 2012 \$1075

FCCU OPERATIONS FUNDAMENTALS

The FCCU is one of the most flexible processing units in the refinery. The FCC 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 and Day 2 (Monday and Tuesday) Classroom/Lecture Format

1. Introduction to the FCCU
2. FCCU Chemistry
3. Heat Balance
4. Pressure Balance for Operators
5. Fluidization
6. Importance of Feed and Operating Variables
7. Catalyst Fundamentals (design and yields)
8. Understanding E-cat sheets
9. Things to Watch on the FCCU
10. How do I learn my unit (operator-specific)
11. Troubleshooting and Problem Solving

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.

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.

COMPREHENSIVE TRAINING SCHEDULE

The schedule shows how your course fits in with the exhibition, discussion groups, workshops and other classes offered at this venue this week.

Galveston April 30 - May 4

Monday	Tuesday	Wednesday	Thursday	Friday
<i>Training</i>		<i>Conference & Exhibition</i>		
FCCU Operations Fundamentals	Coking & CatCracking Safety and Reliability Seminar			
Process Support of FCC Operations	Presentations	Presentations	Workshops and Breakout Groups	
Coker Fundamentals				
Pumps Basics				
Integrity management: Cokedrums/FCCU				
	Steam Fundamentals			
	Exhibition starts Tuesday at 5:00pm, ends Thursday at 7:00pm			
Sulfur Recovery and Claus Plants	Sulfur Optimization, Simulators, Tailgas and Engineering			

Revised November 15

HOTEL

Moody Gardens Hotel
 7 Hope Boulevard
 Galveston, Texas 77554
 Phone: (409) 741-8484
 Toll Free: (888) 388-8484
 Hotel Website: www.MoodyGardensHotel.com

COURSE INFORMATION

April 30 – May 1, 2012
 Class starts at 8:00am and will finish at 5:00pm.
 The program includes lunch and coffee/cookie breaks. Attendees also receive a class manual that can serve as a valuable office reference. Dress is casual for all seminars.

PAYMENT AND CANCELLATIONS

Course Fee: Early \$1075 (Ends March 26) ~ Regular \$1175.

Payment: Due prior to the start of the training by Visa, Master Card, American Express, 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 "CatCracking.com".

Refund Policy: Fees are fully refundable until April 9 (about three weeks before the event), after which a \$200 fee will be charged for cancellations. Registering for this course prior to April 9 will help maximize the probability that the course will proceed as planned. Cancellations after April 23 (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.

For more information on Refining Community policies please contact us.

CONTACT US

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