

CatCracking.com
1410 Lowe Avenue
Bellingham, WA 98229
USA



CatCracking.com[®]

Middle East FCC Conference

- Training Class
- FCCU Tour for Refiners
- Conference
- Exhibition

Manama, Bahrain

November 9, 10, 11, 2009



Conference Schedule

Monday, November 9

All Day: FCC Overview Training Class

Tuesday, November 10

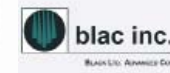
All Day: Presentations & Exhibition

Afternoon: Breakout Discussion Groups on Safety, Operations, Process & Reliability

FCCU Tours for Refiners: throughout the day

Exhibition: Various times throughout the day

Evening: Gala Dinner



Wednesday, November 11

All Day: Presentations & Exhibition

Afternoon: Breakout Discussion Groups on Safety, Operations, Process & Reliability

FCCU Tours for Refiners: throughout the day

Exhibition: Various times throughout the day

Crowne Plaza Hotel

King Faisal Highway
Manama, 5831 Bahrain

www.cp-bahrain.com

For information on sponsoring, exhibiting and presenting papers, email Info@CatCracking.com or refer to www.CatCracking.com/ConferenceME



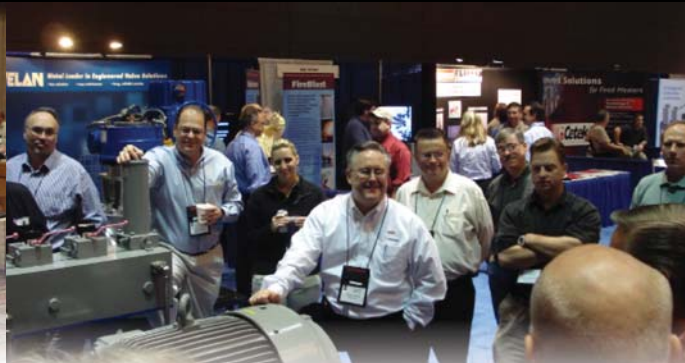


Presentations

- ◆ Understanding and Improving the Energy Efficiency of an FCC. KBC
- ◆ FCC Valve Actuator Information systems. Blac Inc
- ◆ Equipment Reliability with a focus on Tight Shut Off Isolation Valves. TapcoEnpro
- ◆ TurnAround Planning and Execution. An insider's look at successful shutdown's coming from an operator/ owner viewpoint with 32 years of experience at Valero, Chevron and Amoco Oil.
- ◆ Predict/Prevent Carburisation Damage. SES Europe & Sonomatic.
- ◆ Increased Productivity and Reliability from our FCCU upgrade. Bahrain Refinery-BAPCO
- ◆ Solving FCCU Issues: Leakage of hydraulic pressure; 2) Snapping of wire of the slide valve actuator; 3) Valve getting stuck at 45-55%; 4) Choking of hydraulic filters. Hindustan Petroleum Refining Company-HPCL
- ◆ Case Histories of FCC Incidents. Find out why in spite of PHA and HAZOP these common incidents continue to occur and what you can do about them.
- ◆ 1) RFCC Main blower shutdown due to high differential pressure at the Air Intake Filters; 2) Slide Valve stuck at 65% - troubleshooting operational changes. Oman Refineries-ORPC

Exhibition

- ◆ HPU Actuators and Control Systems
- ◆ Sampling Systems
- ◆ Engineering, Procurement and Construction Companies
- ◆ Process and Technology
- ◆ Slide Valves
- ◆ Revamps and Turnarounds providers
- ◆ Expansion Joints



Breakout Discussion Work-Groups

- ◆ Breakout groups are made up of about 20 peers - refiners and suppliers. Everyone gets a chance to ask questions and get involved in the discussion.
- ◆ Groups are selected based on interest in safety, operations, process or maintenance/reliability.
- ◆ Two facilitators guide the group and take notes. A few key points are reported back to the large group and published on the CatCracking.com discussion forum

FCCU Tour

- ◆ For refiners, shuttle buses will be scheduled each day to take groups of 12 to tour the Fluidized Catalytic Cracking Unit at the BAPCO Refinery.
- ◆ The focus will be on the new state-of-the-art HPU skid and slide valve actuators.

FCCU Overview Training

- ◆ Why FCC
- ◆ Overview of equipment and its purpose.
- ◆ 25 Things to watch on an FCCU
- ◆ Incidents Review
- ◆ Trouble Shooting/ Problem Solving
- ◆ Heat Balance
- ◆ Pressure Balance

For more information:
www.CatCracking.com/ConferenceME
 360.966.7251 (USA)
 403.668.7467 (Canada)
 44.(0)2081.503669 (UK)
Info@CatCracking.com

Please select your registration item

Prices are in Bahraini Dinar (BD)

- CatCracking Conference and Tour for Refiners
BD 375 by September 24, BD 440 after
- CatCracking Conference for Suppliers
BD 475 by September 24, BD 500 after
- Training: early BD 207, regular 225

Attendee Information

Name of attendee (use separate sheet for each attendee)

Title

Company

Mailing Address

City

State/Province

Zip/Postal Code

Country

Phone

Fax

Email

Registrar (Contact person if different)

Phone

Email

Payment Information

- Check
- Cash
- Visa
- MC
- Amex
- Bank(Wire) Transfer

Credit Card #

Exp. 3 digit code

Amount Paying

Signature

Print name on card

Return to: **CatCracking.com**
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