

# Breakout Discussion Groups

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**Coking.com<sup>®</sup>**

More Production – Less Risk

# Why Breakout Sessions?

- Where are we going with this industry?
- What will cokers be like in the future?
- Who's going to develop that vision?

You and the refiners and vendors who attended!



# OUR OWN DESTINY

- We're looking for leaders to step forward and help us all pull together as a group to determine our own destiny.
- We're not out to get people to divulge secrets about their organization, but because we're all in the same industry, we do have a kinship with each other.



By policing ourselves on good and best practices,  
our industry can become nothing but safer and more productive.



# FACILITATED SMALL GROUPS

- Rather than have a panel of experts try to field all the questions of 200 people, we will break up into 5 or 6 small groups of 25 to 30 so everyone can speak and be heard.
- Facilitators helped stimulate discussion about topics that are very important to us in the industry.



# BREAKOUT SESSION TOPICS

## EXAMPLE

### Suggested Topics:

- Bottom unheading
- Entry into heater while pigging
- ✓ Alarm bypass management
- ✓ Winch operation
- ✓ PPE requirements during unheading
- ✓ Structure egress
- ✓ Partially coked drums
- Safety training for new units start up
- Blowouts – top head issues
- ✓ Furnace controls/SIS/trips
- Fire protection at top of structure
- Emergency block valves
- Facility sighting issues – location of temporary trailers

Prioritized at a previous  
Coking.com  
Safety Breakout Discussion

Each group chooses  
their own topics



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# EVERYONE PARTICIPATES

- Facilitators could be refiners or vendors, but they are not expected to be the answerman.
- Everyone attending is the “answerman”!



We encourage everyone to participate and explore all the meaningful tangents along the rabbit trail of discovery.



# GROUND RULES

- Set cell phones to vibrate or off!  
\*\*\*\* Please No phone calls in or out during scheduled meeting sessions.
- Everyone is encouraged to participate.
- All participants are considered equal during these sessions.
- One person talks at a time
- Keep an open mind



Monitor the group's participation:  
(Some need to hold back to allow others to share, others need to force themselves to share more.)

# FACILITATOR ROLES

While one facilitator focuses on participation, the other facilitator will jot down key points on the flip chart.





# KEY POINTS

Every key point goes up on flip charts  
--- the pages are taped to the walls.



Strive for results



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# BREAKOUT SESSION EXAMPLE

## # 1

This “take-away” was shared with the larger group at the summary session.

### Winch Operation

- One refiner performed an ergonomic study and changed the switch/body position. This eliminated occurrences of the switch being jammed in place.
- Vendor reported that clients have requested eliminating the dead man switch on the winch “throttle”. Proper PHA would conclude that the switch is necessary
- Several reports of springs on switch being disabled or removed so that the throttle remains in position when Operator lets go of it.
- Some had the mentality that if the guide plate was bolted down this is not an issue.
- Overall consensus was that the switch is necessary and should be maintained.
- Maintaining and using this switch must be made part of the safety culture.



# Breakout Session Example #2

## Training for New Coker Start-up

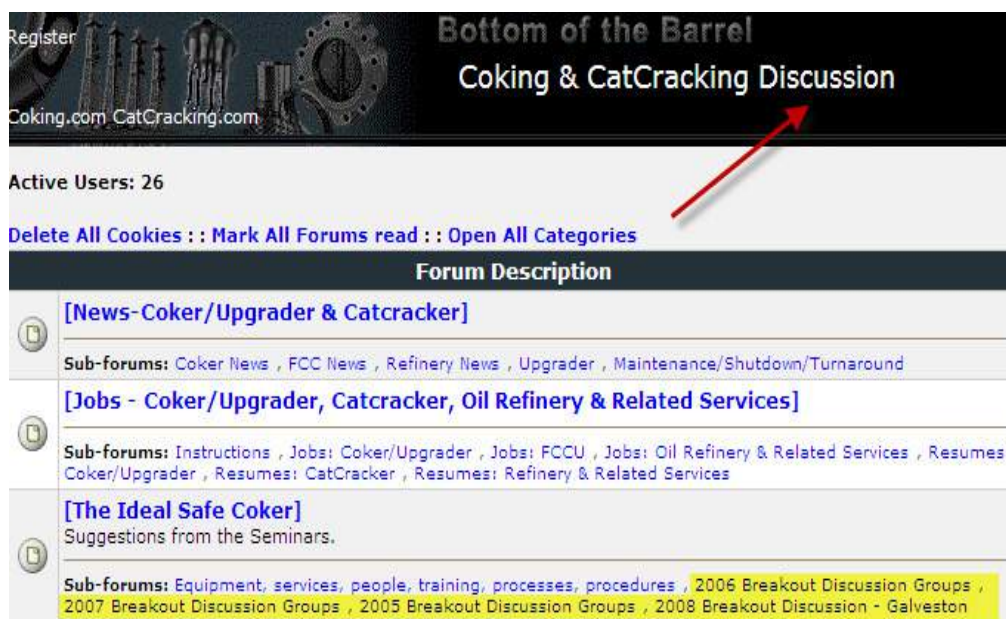
- Question came from refiner with new upgrader project. A large percentage of the new employees will be new to the industry.
- Need to cross train in other refinery operations to gain experience in equipment operations.
- **Newbie's must pass minimum requirements before they are released to work on the unit.**
- Look for retirees for onsite training
- Use double coverage
- Approach licensor for onsite training and start up assistance.
- Need 2 yr training with class work and simulation training. Need experienced personnel for driller and console operators
- Run unit "dry" to get experience with drill equipment
- Build a simulator

This "nugget" was shared with the larger group at the summary session.



# Reporting to the Large Group

- Each small group chooses about 3 nuggets from their entire list.
- At the end of the afternoon, those nuggets are typed into a presentation and displayed on screen
- The facilitator(s) share those “take-aways” with the large group.



Register  
Coking.com CatCracking.com

Bottom of the Barrel  
Coking & CatCracking Discussion

Active Users: 26

Delete All Cookies :: Mark All Forums read :: Open All Categories

Forum Description

- [News-Coker/Upgrader & Catcracker]  
Sub-forums: Coker News , FCC News , Refinery News , Upgrader , Maintenance/Shutdown/Turnaround
- [Jobs - Coker/Upgrader, Catcracker, Oil Refinery & Related Services]  
Sub-forums: Instructions , Jobs: Coker/Upgrader , Jobs: FCCU , Jobs: Oil Refinery & Related Services , Resumes: Coker/Upgrader , Resumes: CatCracker , Resumes: Refinery & Related Services
- [The Ideal Safe Coker]  
Suggestions from the Seminars.  
Sub-forums: Equipment, services, people, training, processes, procedures , 2006 Breakout Discussion Groups , 2007 Breakout Discussion Groups , 2005 Breakout Discussion Groups , 2008 Breakout Discussion - Galveston

Those key points from every group will be posted at the Coking.com Discussion Forum.

<http://www.coking.com/Forum>

# Breakout Sessions Summary

- The consensus was that this was fantastic and we could spend a lot more time doing this!
- The discussion was lively and animated and the enthusiasm cannot be adequately captured with the plain text. However we took notes to give you a flavor of what you discussed in each group.
- We'll use these notes as a spring board for continuing to develop Best Practices.



# DISCUSSION GROUP GOAL

- We'll continue to draw on the diversity of our collective experiences.
- We want to learn from everyone so we don't repeat the same "safety" mistakes.



*As a group, "WE" can improve  
Coker Safety.*



# AREAS OF DISCUSSION

Tuesday	Wednesday	Thursday
<ul style="list-style-type: none"> <li>• Safety</li> <li>• Operations</li> <li>• Unheading</li> <li>• Reliability</li> </ul>	<ul style="list-style-type: none"> <li>• Safety</li> <li>• Operations</li> <li>• Heaters</li> <li>• Process, Fractionation</li> </ul>	<ul style="list-style-type: none"> <li>• Design, Engineering &amp; Fabrication</li> <li>• Repair &amp; Installation</li> <li>• Inspection &amp; Monitoring</li> <li>• Process, Operations, Safety</li> </ul>

