Breakout Discussion Groups

Gary Pitman & Paul Orlowski

Coking.com®

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
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.
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.

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

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

<table>
<thead>
<tr>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety</td>
<td>Safety</td>
<td>Design, Engineering &amp; Fabrication</td>
</tr>
<tr>
<td>Operations</td>
<td>Operations</td>
<td>Repair &amp; Installation</td>
</tr>
<tr>
<td>Unheading</td>
<td>Heaters</td>
<td>Inspection &amp; Monitoring</td>
</tr>
<tr>
<td>Reliability</td>
<td>Process, Fractionation</td>
<td>Process, Operations, Safety</td>
</tr>
</tbody>
</table>

### Areas

- **Exhibition**
- **Conference**

**Diagram:**
- Map layout showing the arrangement of areas like **Barrington’s Lounge**, **Kitchen**, **Plaza 1** and **Plaza 2**.