Is your Coker ready for Operator Driven Reliability?

How many improvement programs have you seen in your career?

How many of these programs have made a real change in your workplace?

How many programs really meant something to you?

We affectionately call these the ‘Flavor of the Month’

Bottom of the Barrel Solutions
‘More Production Less Risk’
Influencing the mindsets of the unit personnel means influencing the “Culture” of the refinery, which is extraordinarily difficult to do because it is shared by all people and not owned individually. The culture of an organization is the accumulated habits, attitudes, and beliefs of a group of people that define their general behavior and feeling. Put more simply, it is “the way it has always been done here.”

How are things done at your plant?

Notice the old style drill tools when two new Combination cutting tools lay on a cart 30' away.

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‘More Production Less Risk’
We assume the operators know their procedures.

- No chain locks installed.
- Blocked in Pressure Relief Valve.

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‘More Production Less Risk’
Safety in our unit is the number one priority.

Rich Amine sample point.

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‘More Production Less Risk’
We provide escape egress in our unit.

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We keep our decks clear in case of emergency.

- Garbage can in front of fire monitor.
- Cart
- Ladder
- Sling

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We make sure the work site is cleaned up after maintenance is done.
We are ready if we have to go to tankage or block in at Plot Edge
Before we expect more from our operators we have to make sure their primary tasks are being completed.

- Safety in the Unit
- Surveillance Rounds
- Procedures
- Emergency Response
- Lock Out Tag Out
- Job Safety Audit

Cold Eye Unit Review

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‘More Production Less Risk’
but the path is long.

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Achieving Operator Driven Reliability (ODR)

Ensure that Standard Operating Procedures in terms of starting up, operating and shutting down the equipment are understood and followed.

This ensures that the plant is operated according to standards.

Operators completing a complement set of surveillance rounds at the desired frequency.

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Another step for operator-driven-reliability involves having the equipment operators take "ownership" of their equipment. This includes such things as:

• Writing accurate, meaningful work orders
• Having equipment clean and ready to work on when maintenance people arrive
• Participating in the JSA with maintenance
• Communicating with mechanics as to equipment symptoms and condition
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Menu of services

Flowserve equipment --- site evaluation

Unit audits --- Cold Eye Review
  Just structure (un-heading, switching, and decoking).
  Whole unit

Operator training

Project work

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