

XV SAFEX INTERNATIONAL CONGRESS

Feedback Session : SH&E Systems



Theme for SH&E System Plenary & Workshops



- The SH&E System theme was covered in Plenary and Workshop sessions.
- The Plenary developed the concept of a SH&E template, which is a diagnostic that can be used to assess the SHE “health” of an organisation.
- The template comprised a collection of elements that together define the necessary SHE processes within an organisation.
- With the SHE template as a departure point, the Workshops focused on some elements of the template and covered these in more detail.

Plenary Session



- Papers presented on SH&E management systems at Dyno, Orica and UEE, plus a mechanism for implementing a SH&E management system at Westsprengr.
- Common themes :

Foundation blocks, “brick by brick”

Balanced focus necessary

Important to not look in the “rear view mirror” ie
leading vs. lagging indicators

Employee involvement important

Workshop Session



- Papers presented on raising safety awareness, deviation management, OI preparation, HSE auditing, video monitoring of safety critical operations
- Discussion on each paper and sharing of experiences
- Again, several common themes were noted

Raising Safety Awareness – Corrie Conradie, AEL (on behalf of Tony Rowe)



- Senso Do : The Way of the Professional
- Downsizing has extracted a heavy toll, experience levels at a premium
- “We don’t make sweets here”
- No route map, but can be learned
- A way of working safely, requires disciplined approach
- “Godfathers” idea – no godfathers, no HAZOP

Again, points out the need for work on GEP, and communication

Deviation Management – Martin Atkins, Ulster Explosives



- Broader than just management of change
- Consider changes, but also unsafe acts, incidents, audits, defects, etc.
- Important to get ALL employees involved
- Large focus on risk assessments, similarity to PHS process, also video monitoring
- Who (what) is ERIC PD?
- “It ain’t easy !!! “Ahead of the posse”
- Focus on implementation – make sure it happens
Implement Implement Implement

An excellent change management process from a smaller site (30 people)

Working Instruction Preparation – Martin Held, Westspreng



- Demonstrated both the process and the system for developing operating instructions, 8 step process
- Sections on Purpose, Hazards, Production Arrangements, Tool & Raw Materials, Working Process, Behaviour during Malfunction, also during Danger
- Operator involvement critical – seen to be “their” procedures. Some difficulty initially
- Real life situation
- Re-writing all OI’s – benefits – training, better understanding of hazards, management update

Video Monitoring of Safety Critical Operations – Corrie Conradie, AEL



- Developed after incidents in priming cubicle with 4:1 LA/LS
- Allowed real time monitoring so that operator and equipment operation can be observed
- Both safety and production benefits – particularly review of process safety and “decay” of practices

HSE Auditing – Krister Nordh, Dyno Nobel



- A tool for local management to improve performance
- Four main elements – MSA, technical, physical conditions, and safety culture
- Qualified internal audit teams
- Focus on helping, not controlling – intended to assist line managers with running safe operations

Summary



- All SH&E systems tools for improvement only
- Need buy-in at site level to implement, and sometimes help with implementation, but worth it
- Always - prioritising required, proper resourcing required