

Creating Positive Safety Culture- Behavioral Based Safety

Date

21st – 25th December , 2025

Venue

Cairo | EGYPT

Objectives :

- **Participants attending the Course will:**
 - Be familiar with key safety Codes of Practice introduced by major organizations, with particular reference to the Control of Major Accidents Hazards for onshore installations.
 - Develop an awareness of the key elements for implanting the Safety Case concept for fixed and mobile offshore installations.
 - Appreciate the role of Incident Root-cause Analysis used for promoting positive safety culture based on methodologies implemented by major organizations.
 - Be able to carry out Task-based risk assessments that focus on human error and management systems failure.
 - Develop skill in the application of Projects Health; Safety & Environmental Reviews , by linking this review with the Capital Value Process and the Company HSE Management System.
 - Develop skills in target setting, planning, implementing and measuring performance.

Participants :

- Production, process, mechanical, control, maintenance and HSE personnel .
- Project managers and engineers .
- Personnel involved in the preparation and maintenance of Safety Cases .

Contents :

- **Introduction and conference overview.**
- **Major Hazards Control :**
 - The Safety Case concept .
 - Elements of the Safety Case
 - The role of Quantified Risk Assessment QRA and Safety Cases .
 - HSE Management Systems and major hazards .
 - Emergency planning and major hazards
- **Root Cause Analysis :**
 - The role of human contribution to incidents .
 - Active errors, preconditions and latent failures.
 - Incident analysis techniques- best practice .
 - Cause Tree and Events & Causal Factors analysis .
 - Linking between root causes, conclusions and recommendations .
 - Practical application and group work .
- **Risk Assessment :**
 - Risk assessment- the pitfalls .
 - How to make risk assessment effective .
 - Evaluation of risks- best practice .
 - The task-based approach to risk assessment .
 - Applying task-based risk assessment to Work Permits .
 - Planning, implementing and techniques for measuring performance .
- **Human Reliability Assessment :**
 - Human error and accident causation
 - Human error classification
 - The role of task analysis and job-safety analysis
 - Best practice techniques for promoting safety culture
 - Assessing improvement and linking safety culture with the HSE Management System
- **Project HSE Reviews :**
 - Stages of a project .
 - Project's HSE Plan .
 - Latest Procedures for linking the review with the Capital Value Process .
 - Incorporating PHSER within the Organization's HSE-MS .
 - PHSER TOR, protocol and conduct .
 - PHSER Documentation requirements and Guide-words .
 - PHSER Reporting procedures .

Safety Management:

- Safety in system life cycle .

To Register

- **Please send an e-mail to :**
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- o Organisational management and safety .
- o Management commitment .
- o The system safety organisation.
- o Developing a system safety programme.
- o Evaluating contractors and sub contractors.
- o Emergency procedures and contingencies.
- o Hazard tracking and resolution .
- o System safety reviews and auditing .
- **Process safety analysis :**
 - o Process hazard analysis.
 - o HAZOP examples .
 - o What if analysis checklist .

Fees	• 3800 USD
Timing	• 09:00 Am – 10:30 Am (Section One) • 10:30 Am – 10:45 Am (Break) • 10:45 Am – 12:00 Pm (Section Two) • 12:00 Pm – 12:30 Pm (Break & Pray) • 12:30 Pm – 02:00 Pm (Section Three) • 02:00 Pm – 03:00 Pm (Lunch Break)
Language	• English & Arabic .