



*Training Course:
Safety Management Best Practices*

*17 - 21 January 2027
Cairo (Egypt)*

Training Course: Safety Management Best Practices

Training Course code: HE7001 From: 17 - 21 January 2027 Venue: Cairo (Egypt) - Training Course Fees: 4100 € Euro

Introduction

Safety management has evolved significantly as organizations increasingly integrate Health, Safety, and Environmental HSE Management Systems into broader corporate management frameworks. Modern best practices emphasize proactive risk management, structured risk assessments, and performance measurement against predefined targets, rather than relying solely on prescriptive regulations.

This program provides participants with practical experience in implementing advanced safety management principles applicable across multiple industries. Delegates will learn to measure reactive, active, and proactive safety performance, fostering a culture of continuous improvement.

Objectives

By the end of this program, participants will be able to:

- Understand key safety Codes of Practice, including COMAH for onshore installations.
- Implement the Safety Case concept for fixed and mobile offshore installations.
- Apply incident root-cause analysis to promote a positive safety culture.
- Conduct task-based risk assessments focusing on human error and system failures.
- Apply best practices in Project Health, Safety & Environmental Reviews PHSER, linking to Capital Value Processes CVP and HSE Management Systems.
- Set targets, plan initiatives, implement strategies, and measure safety performance effectively.

Target Audience

- HSE Managers and Officers
- Safety Supervisors and Coordinators
- Project Managers and Engineers involved in high-risk operations
- Compliance and Risk Management Professionals
- Personnel responsible for safety planning, audits, and reporting

Outlines

Day 1: Major Hazards Control Best Practice

- COMAH Code of Practice

- Elements of COMAH
- Safety Case concept and its components
- Role of Quantified Risk Assessment QRA in COMAH and Safety Cases
- HSE Management Systems and major hazard considerations
- Emergency planning for major hazards

Day 2: Root Cause Analysis Best Practice

- Human contribution to incidents
- Active errors, preconditions, and latent failures
- Incident analysis techniques and best practices
- Cause Tree and Events & Causal Factors analysis
- Linking root causes to conclusions and recommendations
- Practical group exercises

Day 3: Risk Assessment Best Practice

- Common pitfalls in risk assessment
- Effective risk evaluation methods
- Task-based approach to risk assessment
- Applying task-based assessment to Work Permits
- Planning, implementing, and performance measurement techniques

Day 4: Human Reliability Assessment Best Practice

- Human error and accident causation
- Human error classification
- Task analysis and job-safety analysis
- Techniques to promote a positive safety culture
- Linking safety culture improvements to HSE Management Systems

Day 5: Project HSE Reviews Best Practice

- Project lifecycle and HSE planning
- Latest PHSER procedures linked with Capital Value Process
- Integrating PHSER into organizational HSE-MS
- PHSER Terms of Reference TOR, protocol, and documentation requirements
- Reporting procedures and guide-words

Registration form on the Training Course: Safety Management Best Practices

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