



*Training Course:
Safety Management Best Practices*

*27 - 31 October 2025
Barcelona (Spain)
Grupotel Gran Via 678*

Training Course: Safety Management Best Practices

Training Course code: HE7001 From: 27 - 31 October 2025 Venue: Barcelona (Spain) - Grupotel Gran Via 678 Training Course Fees: 6000 € Euro

Introduction

The manner that safety is managed across all industries has altered as a result of the global trend toward integrating Health, Safety, and Environmental Management Systems into every other corporate management. A proactive approach to risk management based on structured and systematic risk assessment is increasingly the norm rather than prescriptive regulation and guidelines.

This curriculum aims to give students practical experience applying cutting-edge safety management principles and procedures that apply to a wide range of industries. Reactive, active, and proactive performance measurement against predetermined targets based on best practices will be part of this.

Objectives

- Be familiar with key safety Codes of Practice introduced by major organizations, with particular reference to the Control of Major Accidents Hazards 'COMAH' 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 and best practices 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 skills in the application of Projects Health; Safety & Environmental Reviews 'PHSER's best practice, by linking this review with the Capital Value Process 'CVP' and the Company HSE Management System.
- Develop skills in target setting, planning, implementing, and measuring performance.

Process

Through exercises, syndicate and group conversations, training films, and discussions on pertinent accident types and "real life" challenges in their workplaces, participants will actively participate in the program and learn new information.

Benefits

Attendees will be able to develop practical skills learned from this training to achieve excellence in solving HSE problems.

Results

The company should be able to prioritize resources to show that process risks are properly detected, analyzed, and controlled based on best practices, in addition to the professional development of staff.

Core Competencies

Participants who successfully finish this program should be able to show that they are conversant with cutting-edge concepts and approaches for resolving HSE issues at work.

Course Outlines of Safety Management Best Practices

Day 1

Major Hazards Control Best Practice

- COMAH Code of Practice
- Elements of COMAH
- The Safety Case concept
- Elements of the Safety Case
- The role of Quantified Risk Assessment QRA in COMAH and Safety Cases
- HSE Management Systems and major hazards
- Emergency planning and major hazards

Day 2

Root Cause Analysis Best Practice

- 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

Day 3

Risk Assessment Best Practice

- 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

Day 4

Human Reliability Assessment Best Practice

- Human error and accident causation
- Human error classification
- The role of task analysis and job-safety analysis
- Best practice techniques for promoting a safety culture
- Assessing improvement and linking safety culture with the HSE Management System

Day 5

Project HSE Reviews Best Practice

- Stages of a project
- Project's HSE Plan
- Latest PHSER 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

Registration form on the Training Course: Safety Management Best Practices

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