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# Course: Safety Management Best Practices

Code	City	Hotel	Start	End	Price	Language - Hours
205	Barcelona (Spain)	Hotel Meeting Room	2025-02-17	2025-02-21	5950 €	En - 25

## The Course

The global trend in integrating Health, Safety and Environmental Management Systems within all other business management has changed the way safety is managed by all industries. Instead of prescriptive legislation and standards, a pro-active approach to risk management based on structured and systematic risk assessment is now a common place.

This programme is aimed at providing hands-on experience on the application of advanced safety management principles and techniques relevant to a wide variety of industries. This will include reactive, active and pro-active measurement of performance against set targets based on best practices.

## The Goals

### Participants attending the programme will:

- 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 practice 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 ` best practice, by linking this review with the Capital Value Process `CVP` and the Management System.
- Develop skills in target setting, planning, implementing and measuring performance.

## **The Process**

Participants will learn by active participation during the programme through the use of exercises, syndicate and group discussion, training videos and discussions on relevant types of accidents and "real life" issues in their organisations.

## **The Benefits**

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

## **The Results**

In addition to the professional development of staff, the organization should be able to priorities resources to demonstrate that process risks are adequately identified, analyzed and controlled, based on best practice.

## **The Programme Content**

### **Day One**

### **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
- Management Systems and major hazards
- Emergency planning and major hazards

## **Day Two**

### **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 Three**

### **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 Four**

### **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 safety culture
- Assessing improvement and linking safety culture with the HSE Management System

## **Day Five**

### **Project Reviews Best Practice**

- Stages of a project
- Project`s Plan
- Latest Procedures for linking the review with the Capital Value Process
- Incorporating within the Organization`s
- TOR, protocol and conduct
- Documentation requirements and Guide-words
- Reporting procedures



**The Scandinavian Academy for Training and Development employs modern methods in training and skills development, enhancing the efficiency of human resource development. We follow these practices:**

- **Theoretical Lectures:**

- We deliver knowledge through advanced presentations such as PowerPoint and visual materials, including videos and short films.

- **Scientific Assessment:**

- We evaluate trainees skills before and after the course to ensure their progress.

- **Brainstorming and Interaction:**

- We encourage active participation through brainstorming sessions and applying concepts through role play.

- **Practical Cases:**

- We provide practical cases that align with the scientific content and the participants specific needs.

- **Examinations:**

- Tests are conducted at the end of the program to assess knowledge retention.

- **Educational Materials:**

- We provide both printed and digital scientific and practical materials to participants.

- **Attendance and Final Result Reports:**

- We prepare detailed attendance reports for participants and offer a comprehensive program evaluation.

- **Professionals and Experts:**

- The programs scientific content is prepared by the best professors and trainers in various fields.

- **Professional Completion Certificate:**

- Participants receive a professional completion certificate issued by the Scandinavian Academy for Training and Development in the Kingdom of Sweden, with the option for international authentication.

- **Program Timings:**

- Training programs are held from 10:00 AM to 2:00 PM and include coffee break sessions during lectures.