



**Health, Safety  
Security & Environment**



**SCANDINAVIAN ACADEMY**  
Training and Development

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# Course: Safety Case Development & Application

Code	City	hotel	Start	End	price	Hours
497	Zurich (Switzerland)	Hotel Meeting Room	2024-05-20	2024-05-24	5450 €	25

## Why Choose this Course?

This highly-interactive course outlines the essential elements of a Safety Case. These will be developed, each in turn, in interactive workshops, giving delegates an excellent insight into the depth and breadth of the information that is incorporated in a Safety Case.

Through various workshops and discussions, delegates will learn on how a Safety Case is to be applied and role play this application. Knowledge gained in this technique will be self-assessed; giving delegates a clear vision of their competencies in this technique.

### This course will feature:

- Studying the depot's plot plan, process & instrumentation diagrams and safeguarding systems
- Developing the major accident hazards posed by this depot's operations
- Determine the safeguards in place to prevent or mitigate these hazards
- Decide what activities or tasks are required to maintain these safeguards in working order
- Develop a plan to monitor the timely execution of these essential and critical tasks

## What are the Goals?

### After attending this course, delegates will be able to:

- Understand the essential features of a Safety Case
- Enable to apply the Safety Case process back at the delegate's own workplace
- Ensure compliance with applicable safety legislation
- Identify who is tasked with which critical task in the delegate's own workplace
- Develop a meaningful programme to ensure the critical tasks are properly executed

## Who is this Course for?

### This course will greatly benefit the following professionals:

- HSE personnel
- Managers and Supervisors at all levels
- Personnel who are assigned Critical Tasks



- Design Engineers of all disciplines
- Technical and non-technical personnel wishing to increase knowledge on the subject

## How will this be Presented?

The course will use a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented.

**This includes the following methodology:**

- Lectures, incorporating slides and videos
- Hand-outs/case studies
- Workshop sessions
- Role playing
- Verbal and written assessments

## The Course Content

### Day One

#### Introduction to Safety Cases

- What comprises a Safety Case
- What led to the Safety Case development - Piper Alpha video
- A brief history of the Safety Case
- Different types of Safety Cases
- The essential features of a Safety Case
- Glossary of terms to be used on this course

#### Workshop 1: Draw up a Safety Policy for the LPG Depot

### Day Two

#### Major Hazard Analysis

- Recap of previous day's work
- Short verbal assessment
- Risk assessments in general

#### Workshop 2: HAZID of the LPG Depot



- Major Hazard Industry explained
- MHA Techniques explained

### **Workshop 3: Develop an MHA of the LPG Depot**

## **Day Three**

### **Bow Ties**

- Recap of previous day's work
- Short verbal assessment
- Bow Ties explained
- Develop the major hazard scenarios for the LPG depot
- Develop the preventive and mitigation measures employed
- Develop the tasks required to be undertaken to maintain these safeguards
- Workshop 4: Develop Bow Ties for the MHA's

## **Day Four**

### **Critical Tasks**

- Recap of previous day's work
- Short verbal assessment
- Critical Tasks explained
- Workshop 5: Develop Critical tasks for the LPG Depot
- Role play of Critical Task executors - how they will do their tasks
- Need for proof of action taken explained
- Various method for providing such proof explained
- Workshop 6: Draw up an auditable schedule of Critical Tasks having been performed

## **Day Five**

### **Critical Task Executor training**

- Recap of previous day's work
- Knowledge of things that would aid the executors of critical tasks
- Workshop 7: Draw up a training course outline for the executors of critical tasks
- Recap of all the work/activities done



**The Scandinavian Academy 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 buffet sessions for light meals during lectures.