



**SCANDINAVIAN ACADEMY**  
For Training and Development

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# Course: Prevention and firefighting systems ,Evaluation of advanced risk management

Code	City	Hotel	Start	End	Price	Language - Hours
169	Cairo (Egypt)	Hotel Meeting Room	2025-11-16	2025-11-20	3050 €	En - 25

## Overview:

Fire safety is a huge area of concern for businesses and residential facilities managers. Having individuals who are responsible and capable of identifying fire hazards and preventing fires is essential. These courses can provide the training required for this.

## Objectives:

**At the end of this course the participants will get the deep knowledge in the following:**

- Fire protection systems standards
- Testing of fire protection systems.
- Maintenance prevention systems, ways of fire.
- Fire-fighting types and ways to deal with it.
- Fire risk assessment.
- Advanced fire risk management.
- How to use NFPA code
- Sprinkler network equipment selection
- Proper operation and trouble shooting for equipment



## Who should attend?

The course should benefit engineering and personnel responsible for fire fighting systems.

## Daily Outlines

- ALARM SEQUENCE.
- Fire Command Room.
- Audible & Visual Notification Appliances.
- Notification Voltage Drop.
- FIRE ALARM CONTROL PANEL (FACP).
- NFPA-2001 fire alarm code conditions.
- Commissioning procedures.
- System Installation & Troubleshooting Tips.
- What is the fire.
- What is the firefighting system.
- Operation of sprinklers.
- Installed Fire Extinguishing Systems.
- Smoke control techniques and technology.
- Requirements for Overheat and Fire Protection Systems.
- Personal Protective & Lifesaving Equipment .
- Materials Handling, Storage, Use & Disposal.
- Excavations and Trenching.
- Confined Space Entry.
- Requirements for Overheat and Fire Protection Systems.
- Fire risk management.
- Available techniques.
- Case studies.



**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.