



**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
HS-169	Washington (US)	Hotel Meeting Room	2026-09-28	2026-10-02	7450 €	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 adopts the latest scientific and professional methodologies in training and human resource development, aiming to enhance the efficiency of individuals and organizations. Training programs are delivered through a comprehensive approach that includes:

- Theoretical lectures supported by PowerPoint presentations and visual materials (videos and short films).
- Scientific evaluation of participants before and after the program to measure progress and knowledge acquisition.
- Brainstorming sessions and practical role-playing to simulate real-life scenarios.
- Case studies tailored to align with the training content and participants work nature.
- Assessment tests conducted at the end of the program to evaluate the achievement of training objectives.

Each participant will receive comprehensive training materials, including theoretical content, practical exercises, and supporting resources, provided in both printed and digital formats. Detailed reports, including attendance records, final results, and overall program evaluations, are also provided.

Training materials are prepared professionally by a team of experts and specialists in various fields. At the end of the program, participants are awarded a professional attendance certificate, signed and accredited by the Scandinavian Academy for Training and Development.

### **Program Timings:**

- 9:00 AM to 2:00 PM in Arab cities.
- 10:00 AM to 3:00 PM in European and Asian cities.

### **The program includes:**

- A daily Coffee Break provided during the sessions to ensure participants comfort.