SCANDINAVIAN ACADEMY

For Training and Development

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Course: Chemical Spills,Safety Precautions & Response Action

Code	City	Hotel	Start	End	Price	Language - Hours
HS-489	Milan (Italy)	Hotel Meeting	2026-08-17	2026-08-21	5950 €	En - 25

Why Choose this Course?

The focus of this course is to enable delegates to recognize the risks associated with a release of hazardous materials, provide you with the basic procedures for preventing such releases and to enable you to know about incident and emergency plans, and understand the correct actions for responding to accidental releases or spills of hazardous materials.
When used properly chemicals are an integral and beneficial part of modern life, but when operational faults arise, or equipment failures occur, we may be faced with a chemical spill. Many of the chemicals we encounter can cause serious harm and environmental damage. In some cases exposure to them can be fatal. Chemical spill awareness is therefore essential in the work place and this course reinforces that the best way to avoid chemical spills is to prevent them occurring.

This course will feature:

- Understanding hazards of chemicals
- Basic information on acting safely when chemical releases & potential releases require appropriate action
- How to control a spill using a spill kit
- Selecting personal protective clothing and other response equipment.
- Incident Response Plans

What are the Goals?

By the end of this course, participants will be able to:

- Understand the basic terms associated with chemical releases & explain the terms “containment” & “confinement”.
- Recognize where spills are likely to occur & develop work practices that can prevent spills from occurring.
- Define the goals of spill control
- Identify procedures & actions to take when discovering or responding to a spill of hazardous materials or waste.
- Describe the roles and responsibilities of personnel in incidents and emergency situations.

Who is this Course for?

This course is for professionals who use chemicals, produce chemicals, come into contact with chemicals, or sell chemicals as part of their daily working life all need to be aware of the correct safe procedure to react to a chemical spill effectively and will all benefit from this course.

This course is suitable to a wide range of professionals but will greatly benefit:

- Plant/Operations Personnel & Managers, Shift Supervisors & Shift Team Leaders
- Laboratory Personnel
- Emergency Incident Wardens
- Those who may be required to respond to workplace incidents of a possible or actual release of a chemical

How will this be Presented?

This course will utilise a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented. This includes a combination of lecture, video, case studies, group discussion and

participation in group/individual workshop session activities. Delegates are encouraged to bring specific experiences and issues they are facing to the session for group discussion.

The Course Content

Day One

Hazardous Chemicals

- Intro
- Hazardous materials
- Identification of hazards
- Examples of Different sorts of spills

Day Two

Spill Prevention and Control

- Work practices that can prevent spills from occurring
- Incidents and types of emergency situations.
- The goals of spill control
- Responder’s safety
- Spill Response and Clean-up Procedures
- Personal Protective Equipment (PPE)

Day Three

Developing a Spill Response Plan

- Material Safety Data Sheet
- Risk Assessment

- On-site Emergency Plans
- Training, Exercises & Drills
- Roles and responsibilities of personnel
- Off-site Emergency Plans

Day Four

Evacuation, spill control materials and kit

- Identify additional resources for information on spill response procedures.
- Evacuation
- Missing Persons
- Environmental philosophy,
- Incident reporting & Communication
- Recommended Spill Control Materials Inventory & Locations

Day Five

Clean-up & First Aid

- Classic case studies
- Specific Procedures
- Doing it wrong/doing it right
- Bioremediation
- First Aid
- Course Review

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 receives the training material (both theoretical and practical) in printed form and saved on a CD or flash drive. 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.