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For Training and Development

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Course: Chemical Spills, Safety Precautions & Response Action

Code	City	Hotel	Start	End	Price	Language - Hours
489	Beirut (Lebanon)	Hotel Meeting Room	2025-10-26	2025-10-30	3050 €	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 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.