

Chemical Safety and Hazardous Waste Management: Protecting People and the Planet

Course code: HSE-006



SPARK TRAINING

Professional training courses for leaders, specialists, and organizations seeking practical capability development.

info@sparktraining.eu

+31 85 115 0004 | sparktraining.eu

— Workshop Overview

This course empowers participants to recognize, manage, and mitigate the risks associated with hazardous chemicals and waste in the workplace. By attending, you'll gain the knowledge and skills needed to comply with regulatory requirements, enhance workplace safety, and contribute to environmental sustainability. Participants will leave with practical tools and strategies to protect people and the planet from chemical hazards effectively.

Why Attend

The course employs a blend of interactive learning methods, including:

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Who Should Attend

Environmental health and safety (EHS)
Chemical and hazardous waste management
Facilities and operations management
Risk and compliance management
Manufacturing and industrial operations
Laboratory and research work

— Learning Objectives

- Identify and classify hazardous chemicals and waste based on international standards.
- Understand the risks and health impacts associated with hazardous substances.
- Implement strategies for safe chemical handling, storage, and transportation.
- Develop and apply hazardous waste management plans.
- Navigate relevant regulations and compliance frameworks.
- Respond effectively to chemical spills and emergencies.

Course Outline

DAY
1

Introduction to Chemical Safety

- Overview of chemical safety and hazardous waste management
- Common chemical hazards and their effects
- Regulatory frameworks (e.g., OSHA, EPA, REACH)
- Roles and responsibilities in chemical safety

DAY
2

Hazard Identification and Risk Assessment

- Classification of hazardous chemicals and wastes (GHS, SDS)
- Risk assessment tools and techniques
- Exposure limits and monitoring
- Labeling and signage requirements

DAY
3

Safe Handling and Storage of Chemicals

- Safe handling practices and personal protective equipment (PPE)
- Guidelines for chemical storage and segregation
- Transportation and shipping of hazardous materials
- Preventing and managing chemical spills

DAY
4

Hazardous Waste Management

- Waste classification and categorization
- Collection, storage, and disposal of hazardous waste
- Recycling and reuse opportunities
- Developing a hazardous waste management plan

DAY
5

Emergency Response and Best Practices

- Spill response planning and implementation
- Emergency response procedures
- Case studies and lessons learned
- Integrating sustainability into chemical safety programs

— Upcoming Classroom Dates

DATE	LOCATION	FEE
12 - 16 October 2026	London - United Kingdom	€2,100
9 - 13 November 2026	Munich - Germany	€1,725
14 - 18 December 2026	Rome - Italy	€2,125
18 - 22 January 2027	Frankfurt - Germany	€1,625
15 - 19 February 2027	Rome - Italy	€2,125
15 - 19 March 2027	Kuala Lumpur - Malaysia	€1,400
19 - 23 April 2027	Barcelona - Spain	€1,925
17 - 21 May 2027	London - United Kingdom	€2,100

— Certificate and Registration

Participants who attend and complete the full programme receive a SPARK Training Certificate of Completion. For registration, in-house delivery, or availability questions, contact info@sparktraining.eu or +31 85 115 0004.