XCELERATE TRAINING INSTITUTE
your learning & development partner

HEALTH, SAFETY AND ENVIRONMENT (HSE)

HAZMAT and HAZWOPER Training Course

DURATION	LANGUAGE	FORMAT
5 days	English	Classroom / Online

Upcoming dates

Dates	Venue	Format	Fee
17 – 21 May 2027	Live online	Online (live)	€1,200
22 – 26 Nov 2027	Live online	Online (live)	€1,200
27 – 31 Dec 2027	Bahrain	Classroom	€3,600

Register or ask a question

Online: x8ti.com/course/hazmat-and-hazwoper-training-course-2/

+491631686678 · info@x8ti.com

HAZMAT and HAZWOPER Training Course

Introduction

Introduction

This Xcelerate Training Institute course is aimed at high-risk workers who execute tasks that directly or potentially expose them to hazardous materials.

Those who are involved in clean-up operations, voluntary clean-up operations, emergency response operations, and storage, disposal, or treatment of hazardous substances or uncontrolled hazardous waste sites need to be aware of these standards for their safety, and the security of their co-workers as well.

The themes of this training program will cover protection against hazardous chemicals, elimination of hazardous chemicals, the safety of workers, and the environment and OSHA regulations.

What kinds of work are covered in this “HAZMAT and HAZWOPER Training Course”? This program discusses the regulations for uncontrolled hazardous waste, corrective actions involving clean-up, hazardous waste operations at treatment, storage, and disposal (TSD) facilities, and emergency response proceedings in the case of hazardous substance release.

This Xcelerate Training Institute course will allow you to learn about worker protection, important regulations, and agencies related to HAZMAT and HAZWOPER.

Learning Objectives

- Describe how HAZMAT and HAZWOPER are classified and the components of the Hazmat regulations such as shipping papers, labels, and placards
- Define what hazardous waste is, discuss how to determine the generator category, and go over the precautions taken to properly manage, store, transport, treat, and dispose of it
- Acquaint yourself with resources, compounds, and mixtures that may produce flammable, chemical, explosive, or radio logical hazards
- Highlight the importance of personal protective equipment (PPE) in reducing hazardous exposure
- Establish an effective program to limit the risk of exposure as much as possible within the hazardous work zone
- Employ procedures for healing workers in the event of contact with hazardous material

Training Methodology

- Lectures
- Seminars & Presentations
- Group Discussions
- Assignments
- Case Studies & Functional Exercises

Comparable to all our courses, this training program also follows the ‘Do-Review-Learn-Apply’ model.

Benefits For Your Organization

- Benefit from training your employees on the definition an importance of safety information, along with the different roles played in the HAZMAT and HAZWOPER guidelines
- Document your HAZMAT and HAZWOPER information systematically and efficiently
- Improve productivity by teaching your staff about the HAZMAT and HAZWOPER work process and how it fits into the overall organizational work processes
- Achieve improved workplace health and safety, higher employee morale, increased productivity, and reduced costs of damage control
- Assess your workplace safety rating by evaluating its effectiveness to reduce injuries and illnesses and identifying and eliminating workplace hazards

Benefits For You

- Improve your performance through higher efficiency and greater worker productivity by being aware of HAZMAT and HAZWOPER related risks
- Engage in conversations about safety and health, leading to improved occupational safety and better overall communication
- Avoid personal injuries by following predetermined safety parameters and best practices
- Learn how to perform a HAZMAT and HAZWOPER study from experienced professionals: collecting information, selecting the team, leading a meeting, and documenting the results
- Focus on human factor issues to analyze HAZMAT and HAZWOPER procedures in areas such as start-up, shutdown, and maintenance
- Get an opportunity to work through hands-on exercises in detail to gain the skills needed to facilitate a HAZMAT and HAZWOPER study
- Gain the skills to plan, manage, facilitate, and scribe for a HAZMAT and HAZWOPER study

Target Audience

This HAZMAT and HAZWOPER Training Course would be suitable for:

- General laborer's
- Equipment operators
- Other general site workers
- On-site management and supervisory personnel
- Any employee who may be involved in hazardous waste clean-up operations

Course Outline

TYPES OF HAZARDS

- Safety
- Chemical
- Biological
- Physical
- Ergonomic

PERSONAL PROTECTIVE EQUIPMENT (PPE)

- What is PPE?
- Different Types of PPE
- Head protection
- Eye and face protection
- Clothing
- Hand protection
- Footwear
- Appropriate PPE Techniques
- PPE Policy and Guidance
- Employee Responsibilities
- Selection of suitable PPE
- When to use PPE?
- Risk Assessment of PPE
- Protection from Hazards

LEVELS OF PROTECTION

- HAZMAT Protection Level A
- Full body protection
- Self-Contained Breathing Apparatus (SCBA)
- Chemical-resistant gloves
- Chemical-resistant safety boots
- HAZMAT Protection Level B
- Hooded chemical-resistant clothing
- Self-Contained Breathing Apparatus (SCBA)
- Chemical-resistant gloves
- Chemical-resistant safety shoes
- HAZMAT Protection Level C
- Hooded chemical-resistant clothing
- Full or half-mask air-purifying respirator
- Chemical-resistant gloves
- Safety boots
- HAZMAT Protection Level D
- Coveralls
- Safety boots/shoes
- Safety glasses or chemical splash goggles

DECONTAMINATION

- What is decontamination?
- Decontamination Plan
- Prevention of Contamination
- Types of Contamination

- Decontamination Methods
- Testing for the Effectiveness of Decontamination
- Health and Safety Hazards
- Recommended Equipment

TOXICOLOGY

- What is Toxicology?
- History of Toxicology
- Remedy or Poison
- Instances of Toxicology in the Workplace

FIRE PREVENTION & PROTECTION

- Fire Protection
- Fire Prevention
- Safe Work Practices

HAZARDOUS MATERIALS

- Classification of Health Hazards
- Airborne Contaminant
- The Physiological Effects of Chemical
- Legal Control Regulations
- Chemical Route of Entry and Health Effect
- Managing Chemicals Safely
- Chemicals Risk Assessment
- Exposure Limits of Chemicals
- Chemical Hazards Control Measures
- Chemical Storage
- Chemical Spill Control

MEDICAL SURVEILLANCE

- Medical Screening
- Surveillance
- Standards

SITE EMERGENCIES

- What is a Workplace Emergency?
- OSHA’s Requirements for Emergencies
- Emergency Action Plan
- Alert Workers of an Emergency
- Emergency Plan and Evacuation Coordinators
- Type of Training for Workers

EQUIPMENT & HAZARDS

- Drums and Containers

- Fall Hazards
- Electrocution
- Struck by Hazards
- Caught-In Hazards

HAZARDOUS COMMUNICATION

- Hazard Communication Standard
- Hazard classification
- Labels
- Safety Data Sheets.
- Information and training

DOT HAZARDOUS MATERIALS (HAZMAT)

- Introduction
- How is HAZMAT Classified?
- Shipping Papers
- Packaging
- Marking, La belling, & Placarding
- Loading & Segregation
- Emergency Response
- Incident Reporting
- Security

EPA HAZARDOUS WASTE

- Introduction
- Definitions
- Identification
- Determine Generator Category
- Notification
- Hazardous Waste Management
- Transport
- Recycling, Treatment, or Disposal
- Corrective Action

Copyright and intellectual property
This course, "HAZMAT and HAZWOPER Training Course", is an original course by Xcelerate Training Institute. All materials, content and structure are the intellectual property of Xcelerate Training Institute. Reproduction, distribution or use of any part of this course without written consent is prohibited.

Registration Form

HAZMAT and HAZWOPER Training Course

Preferred dates: ..... Venue or online: .....

Duration: 5 days Language: .....

Please complete and email this form to us, or register online. We confirm your place and send the invoice within one working day.

Delegate information

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

Official email: ..... Personal email: .....

Company information

Company name: .....

Address: .....

City / country: ..... VAT / tax number: .....

Person responsible for training & development

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

Email: .....

Payment

☐ Please invoice me ☐ Please invoice my company

Signature: ..... Date: .....

Call
+491631686678

Email this form
info@x8ti.com

Register online
Open the course page