

OSHA HAZWOPER 40-Hour Course

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Course Overview

The OSHA HAZWOPER 40-Hour Course provides training for workers, managers and supervisors working at a hazardous waste operations and emergency response (HAZWOPER) sites. OSHA considers training an important component for maintaining job site safety. Workers involved with removing toxic, flammable or corrosive substances, who are likely to be exposed to hazardous substances and site health hazards, must receive 40 hours of off-site HAZWOPER training.

This course is intended to meet initial training requirements found in OSHA standard 29 CFR 1910.120 for general site workers who participate in hazardous waste operations, where they may be exposed to hazardous substances and health hazards.

NOTE: Students must also obtain additional site-specific training, along with three days of actual field experience under the direct supervision of a trained experienced supervisor.

In addition, on-site supervisors and managers may use this training to fulfill the 40-hour component of their training requirements.

Upon successful completion of the course, each student will receive a ClickSafety *Certificate of Completion* that provides the 4.0 Continuing Education Units (CEUs) and 40 Contact Hours received for this course. ClickSafety is an authorized provider of IACET CEUs.

Intended Audience

The ClickSafety HAZWOPER 40-Hour online course meets the classroom training requirements for workers, managers and supervisors who participate in hazardous waste operations where they may be exposed to hazardous substances and health hazards, specifically:

- General site workers involved with removing toxic, flammable or corrosive substances who are likely to be exposed to hazardous substances and site health hazards over permissible and published exposure limits and who are required to wear respirators on the job site
- On-site supervisors and managers who are in charge of general site workers engaged in hazardous waste operations should take this course to fulfill the 40-hour OSHA training

Note: Paragraph (e)(4) has additional training requirements for managers and supervisors beyond the 40 hours of training provided in this course.

Learning Objectives

Following this training the student should be able to identify important principles with regard to:

1. Contents of the OSHA Hazwoper standard, including the standard's five appendices
2. Site safety and health programs, such as a site-specific safety and health plan and a medical surveillance program

3. Identifying, evaluating, and controlling the five major categories of hazards at a Hazwoper site: chemical health, chemical physical, physical safety, biological and ergonomic hazards
4. Respiratory hazard and protection basics, including requirements for medical surveillance and respiratory protection programs
5. Responding to emergencies at hazardous waste sites and to hazardous substance releases
6. Hazwoper training requirements
7. Site characterization, site control and a hazard communication program
8. Elements of the Hazard Communication Standard (HCS)
9. Materials handling, and handling drums and container
10. Decontaminating personnel and equipment
11. Hazwoper requirements for a treatment, storage, and disposal (TSD) facility, as regulated under the Resource Conservation and Recovery Act of 1976 (RCRA)
12. Selecting, inspecting, using and maintaining respirators
13. Selecting and using personal protective equipment (PPE) and chemical protective clothing
14. Detectors and monitors at a hazardous waste site
15. Excavations, including soil analysis, sloping, benching and shoring

Features and Benefits

- Provides 40-hour training in compliance with 29 CFR 1910.120(e)(3)(i) for general site workers and 1910.120(e)(4) for on-site managers and supervisors
- Promotes general compliance with OSHA's HAZWOPER standard
- Minimizes potential of citation and penalty by OSHA under 1910.120

Course Topics

- HAZWOPER Overview and Orientation
 - Regulation – Definitions
 - Introduction to OSHA
 - Hazard Communication – GHS
 - Hazard Recognition and Control
 - Chemical Awareness and Toxicology
- Safety and Health Programs
 - Site Characterization
 - Site Control
- Training
- Excavation Safety
- Confined Spaces
- Compressed Gas Cylinders

- Focus Four Fall Protection
- Focus Four Electrocution Hazards
- Focus Four Struck-By Hazards
- Focus Four Caught-In or -Between Hazards
- Working Around Mobile Equipment
- Construction Health Hazards
- Ergonomics
- Portable Fire Extinguishers
- Heat and Cold Stress
- Hand and Power Tools
- Materials Handling
- Handling Drums and Containers
- Decontamination
- Illumination, Sanitation, and New Technology
- HAZWOPER at RCRA Sites
- HAZWOPER Appendices
- Medical Surveillance
- Respiratory Protection
 - Respiratory Protection Basics
 - Respirator Types
 - Respirator Fit Testing
 - Respirator Maintenance and Care
 - Respiratory Protection Medical Evaluations
 - Respirator Voluntary Use
 - Respirator Donning, Doffing, and User Seal Check
- Exposure Monitoring
- PPE
 - PPE Levels of Protection
 - Chemical Protective Clothing
- Emergency Response
 - Emergency Response for Hazardous Waste Sites
 - Emergency Response for Hazardous Substance Release
 - Emergency Response Practical Considerations
- Excavations
 - Soils Analysis

- Practical Applications

Industry Terms

- HAZWOPER
- Clean-up Operation
- Decontamination
- Emergency Response
- Hazardous Materials Response (HAZMAT)
- Hazardous Waste
- Hazardous Substances as defined in 40 CFR 261.3 and 49 CFR 171.8.
- Hazardous Waste Operations

Based On

- OSHA's Hazardous Waste Operations and Emergency Response (HAZWOPER) Standard as found in 29 CFR 1910.120.