NATIONAL ENVIRONMENTAL TRAINERS, INC.
3812 SHOAL CREEK COURT
MARTINEZ, GEORGIA 30907
1.888.877.7130

WWW.NATIONALENVIRONMENTALTRAINERS.COM

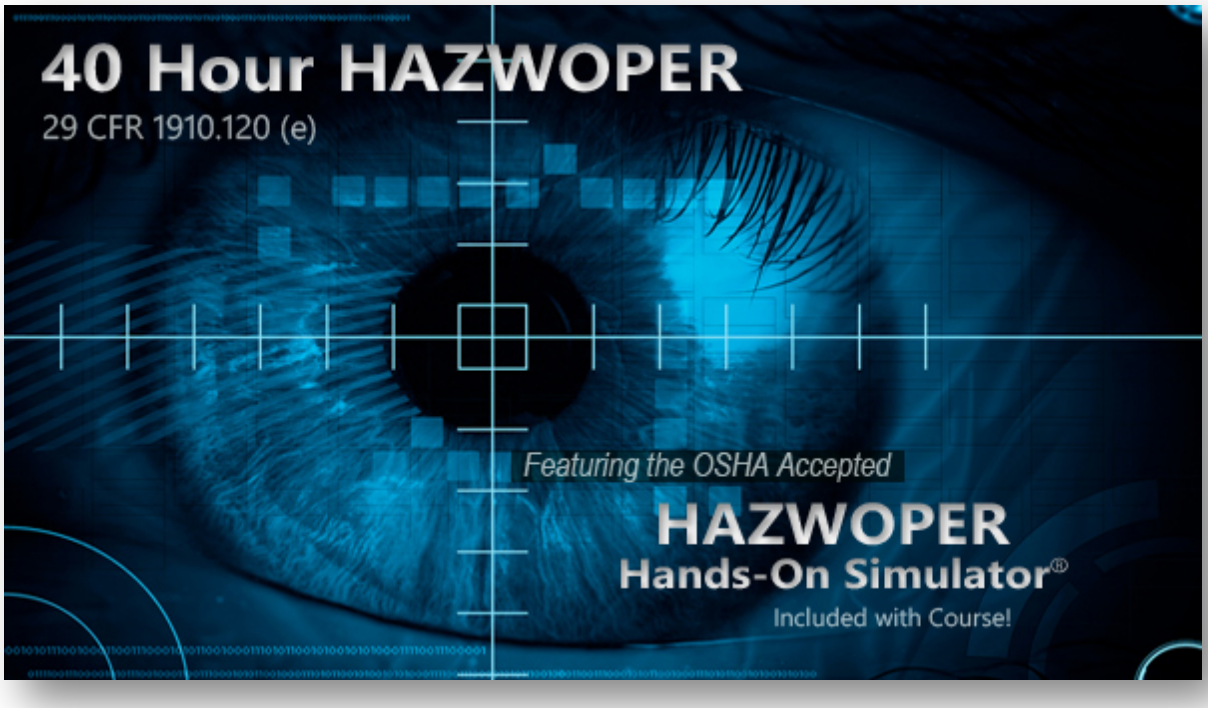
The Official Site of Environmental Health & Safety Training®

40 Hour HAZWOPER

29 CFR 1910.120 (e)

Course Description

2018



This course features the exclusive OSHA accepted HAZWOPER Hands-on Simulator®. The simulator offers a stunning 3D environment for the proper donning and doffing of personal protective equipment (PPE).

Cost: $395.00 per person

Group discounts available (3 or more people). Please email or call us at 1.888.877.7130 for a quote. Price match guarantee! Must be OSHA compliant and same quality course.

Course Features

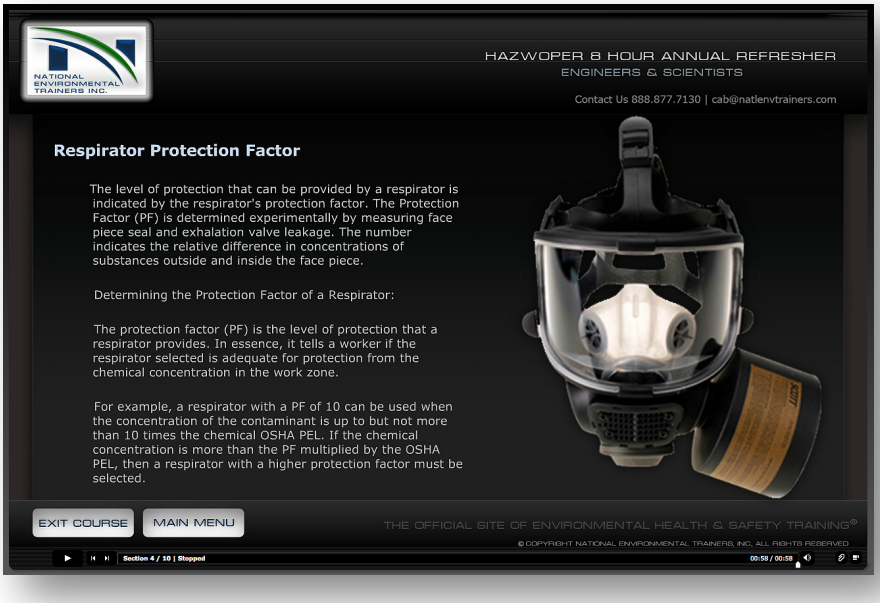
- Includes 14 full length videos
- HAZWOPER Hands-on Simulator® - (OSHA Accepted)
- Over 75 interactive flash animations
- Approximately 81 modules
- Award winning content - CEU's
- Self grading quizzes and final exam
- OSHA Study Timer (tracks your study time login and logout at your convenience)
- Certificate of Completion (3 certificates) e-cert, 8x10 and wallet card (instant download of e-certificate upon course completion)
- HAZWOPER course access for 1 year from the time of registration
- Free registration into the National Repository® (download your certificates at anytime in the future)

Course Description

In compliance with OSHA 29 CFR 1910.120 regulations, (40 hour HAZWOPER regulations) this training is required for individuals who plan to work in a area that is defined as a HAZWOPER Work Site. Upon successful completion of the course, students will receive a certificate of completion accepted by regulatory agencies. Students will be allowed to proceed at their own pace in this interactive program. Students must complete a minimum of 40 hours of study time in order to satisfy part of the 40 hour HAZWOPER certification requirement.

Along the way there are self grading quizzes, interactive exercises, full length videos and a self grading final exam. The quizzes can be taken as many times as needed, and the final exam can be taken a maximum of 3 times. Once a person satisfactorily completes the course, an e-certificate is immediately sent to them via email. The original certificates (8x10 and wallet card size) arrive in the U.S. mail.

The 40 Hour HAZWOPER Course is taken online. As with any training (classroom or online) the employer is required by regulations to train the employee(s) on performance based standards for any applicable equipment.



Aesthetically pleasing course layout that is user friendly. Professional voice-overs, animations and high definition photographs. Self-grading quizzes and final exam.

This is a site-specific requirement and typically cannot be achieved in a regular public seminar or open enrollment class where training on a respirator(s) or PPE in general does not meet the site-specific regulatory requirement.

General site workers (such as equipment operators, general laborers, and supervisory personnel) engaged in hazardous substance clean up and removal of other activities which expose or potentially expose workers to hazardous substances and health hazards shall receive a minimum of 40 hours of instruction off the site, and a minimum of 3 days actual field experience under the direct supervision of a trained, experienced supervisor.

Course Overview

In compliance with the Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1910.120, the 40-hour training is to certify individuals who have a role in Hazardous Waste Operations and Emergency Response (HAZWOPER) operations. This training course offers 40 hours of on-line instruction. The course is a combination of: web-based instruction interactive exercises, audio narration of text, videos, animations, self-grading quizzes, and a final exam. Our OSHA Study Timer is also used to comply with the 40 Hour HAZWOPER training requirement. A student cannot take the final exam until this time requirement is met. Once a student successfully completes the training, an e-certificate will be issued and the original certificates (8x10 and wallet card size) will be mailed. The 40 Hour HAZWOPER Course is taken online. As with any training (classroom or online) the employer is required by regulations to train the employee(s) on performance based standards for equipment.

This course features our exclusive **OSHA accepted** HAZWOPER Hands-on Simulator and is divided into 81 modules.

While this training course is very comprehensive, additional site-specific training must be taken for certain hazardous materials/environments that may be encountered at different sites. This is an employer obligation. As with any 40 Hour HAZWOPER training (classroom or online), a student must complete 3 days of site-specific training at their first HAZWOPER site after successful completion of the course. This requirement is for new employees.

Group discounts available (3 or more people). Please email or call us at 1.888.877.7130 for a quote. Price Match Guarantee! We match any competitor's price for the same course even though the quality of the course may be vastly different. You may find less expensive online courses but they cannot fulfill the OSHA hands-on requirement without a simulator or other means. We are the only company today with an OSHA accepted online simulator. Course includes Free Study Guide!

Support

Includes 24/7 **U.S. Based** support. An experienced and highly qualified HAZWOPER instructor is available to you throughout the training process. Our toll free hotline or email will allow access to some of the finest instructors in the U.S.

Duration

40 hours (OSHA 40 Hour HAZWOPER Training Requirement) Note: OSHA requires the 40 hour course will take a minimum of 40 hours of actual study time. Anything less will not comply with the OSHA standard. Our course allows you to login and logout at any time increment in order to fit your schedule. When you logout, the course will be bookmarked so you can begin where you left off. The study timer will also accrue your time and will begin where you left off in the course.

Continuing Education Units (CEU's)

This 40 hour HAZWOPER course has been awarded 6.68 Industrial Hygiene CM Points by the American Board of Industrial Hygiene (ABIH) - approval number 13334. This course is eligible for 3.33 Continuance of Certification (COC) points from the Board of Certified Safety Professionals (BCSP).

Prerequisites

None

Table of Contents

Module 1: Regulatory Overview
EPA
OSHA
Levels of Training

Module 2: Hazard Communication (HAZCOM)
Regulatory Overview
Requirements of the HAZCOM Standard
Hazard Evaluation

Module 3: HAZCOM Safety Data Sheets (SDS)
SDS Form
SDS Form Explained
Container Labeling Requirements

"Overall I thought your 8 Hour HAZWOPER Refresher was very good…"

J. Staples, OSHA

Module 4: HAZCOM Hazardous Materials Identification System (HMIS)
HMIS Labels
DOT Labels
HMIS Labels Explained

Module 5: Roles and Responsibilities Part 1
Organizational Structure
Essential Personnel
Health and Safety Plan (HASP)

Module 6: Roles and Responsibilities Part 2
Optional Personnel
Lines of Authority

Module 7: HAZWOPER Site Control
Site Map
Site Preparation

Module 8: HAZWOPER Site Zones
Site Zones Explained
Establishing the Hot Line
The Buddy System

Module 9: HAZWOPER Support Zones
Site Security
Communication Systems

Module 10: General Health and Safety Plan Guidelines
Health and Safety Guidelines
Overview of Health and Safety Plan

Module 11: Medical Surveillance Part 1
Information for Medical Program
Develop a Site Specific Medical Program

Module 12: Medical Surveillance Part 2
Medical Examination
Periodic Medical Monitoring
Examination After Injury
Termination Exam

Module 13: Hazard Recognition
Injury Prevention
Boiling Point, Vapor Pressure, Vapor Density, pH, Flashpoint
Oxidizers
Lower/Upper Explosive Limits
Flammability
Fire Triangle
SDS

Module 14: Respiratory Protection Part 1
Respirator Protection Program
Respirator Types
Selection of Respiratory Equipment

Module 15: Respiratory Protection Part 2
Air-purifying Respirators
Combination Canisters and Cartridges
Types of APR Face Pieces

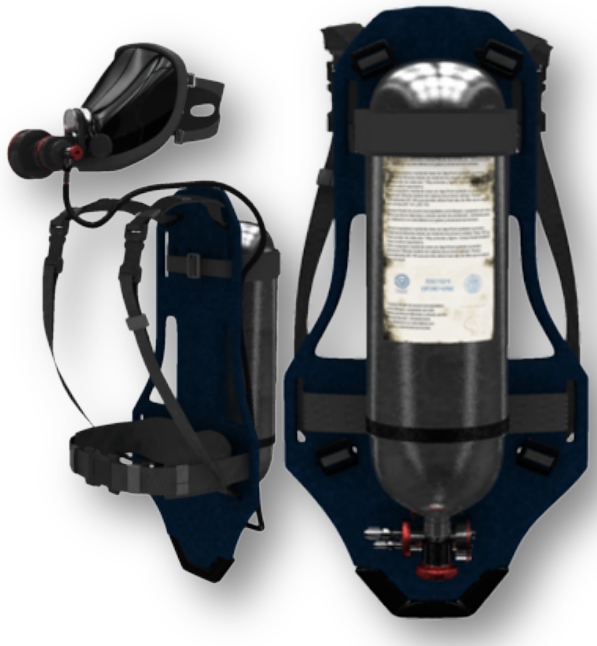
Module 16: Respiratory Protection Part 3
Supplied Air Respirators (SAR)
Self Contained Breathing Apparatus (SCBA) Combination SCBA/SAR

Module 17: Respiratory Protection Part 4
Chemical Concentration
Protection Factors
Calculating Protection Factors

Module 18: Respiratory Protection Part 5
Respirator Fit Test (Quantitative and Qualitative)
Respiratory Maintenance
Types of Respirator Canisters
How Respirators Work
Positive and Negative Pressure Fit Test
Respirator Limits
Cleaning, Maintenance and Storage

Module 19: Personal Protection Equipment (PPE) Part 1 *Clothing and Ensembles*
Developing a PPE Program
Training
Program Review and Evaluation

Module 20: Personal Protection Equipment (PPE) Part 2
Level A
Level B
Level C
Level D
Selecting the level of protection



Module 21: Personal Protection Equipment (PPE) Part 3
Protective Clothing
Inspection and Maintenance of Protective Clothing
Selection of Chemical Protective Clothing
Permeation and Degradation
Work Mission Duration

Module 22: Personal Protection Equipment (PPE) Part 4
Considerations for working in PPE
Air Supply Consumption
Coolant Supply
Accessories
Special Considerations

Module 23: Personal Protection Equipment (PPE) Part 5
Reasons to Upgrade/Downgrade PPE
PPE Inspection Program
Proper Storage
PPE Before Use Inspection

Module 24: Personal Protection Equipment (PPE) Part 6
In-use Monitoring
Donning and Doffing
Clothing Reuse
Heat Stress and Monitoring
Heat Rash
Heat Cramps
Heat Stroke

Module 25: Personal Protection Equipment (PPE) Part 7
Hand Protection
General Requirements of the OSHA Standard
Eye and Face Protection
Selection of Eye and Face Protection

Head Protection
Foot Protection

Module 26: Decontamination Part 1
Decon Plan and Procedures
Standard Operating Procedures
Maximizing Worker Protection from Hazardous Wastes
Proper Dress Out Procedures
Levels of Contamination

Module 27: Decontamination Part 2
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Module 28: Decontamination Part 3
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Module 29: Decontamination Part 4
Protection for Decon Workers
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Chemical and Physical Removal of Contamination

Module 30: Decontamination Part 5
Persistent Contamination
What if Decon procedure has not worked?
Lab Testing Articles
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Substance and Tools for Effective Decontamination

Module 31: Decontamination Part 6
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Decon Tools, Devices and Equipment
Disposal of Contaminated Materials
Health and Safety Hazards of Decontamination
Decon Facility Design

Module 32: Handling Drums Part 1
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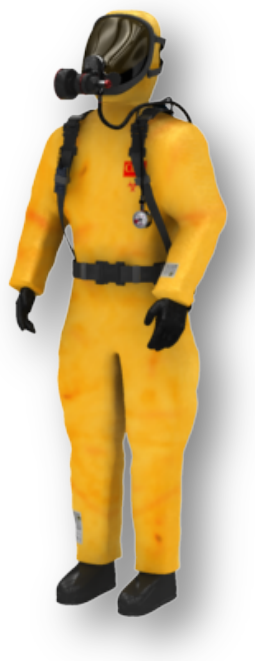
Handling Drums
Drum Handling Chart

Module 33: Handling Drums Part 2
Opening Drums and Incompatibilities
Other Containers and Incompatible Chemicals
Explosive and Shock Sensitive Wastes
Bulging Drums
Lab Packs
Leaking, Open and Deteriorated Drums
Buried Drums

Module 34: Handling Drums Part 3
Sampling and Staging
Drum Sampling
Bulking Shipping



Module 35: Placards and Labeling
NFPA Hazardous System Identification
DOT Placards

Module 36: Excavations Part 1
OSHA Excavation Standard
General OSHA Requirements
Competent Person

Module 37: Excavations Part 2
OSHA Soil Classification
OSHA Accepted Manual Field Test Methods
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Manual Test

Module 38: Excavations Part 3
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Distressed Soils
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Module 39: Confined Spaces
Key Occupational Roles
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Module 40: What is a Confined Space?
Confined Space Fatalities
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Module 41: Confined Space Pre-Entry Procedure Part 1
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Module 42: Confined Space Pre-Entry Procedure Part 2
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Module 43: Confined Space Entry
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Module 44: Confined Space Protective Devices, Controls, and Monitoring Part 1
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Safety Barriers
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First Aid Equipment

Module 45: Confined Space Protective Devices, Controls, and Monitoring Part 2
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Hot Work
Electrical Equipment

Module 46: Confined Space Injury Prevention
Injury Prevention
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Module 47: Confined Space Hazards
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Fall Hazards and *Toxic Atmosphere*

Module 48: Site Characterization Part 1
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Module 49: Site Characterization Part 2
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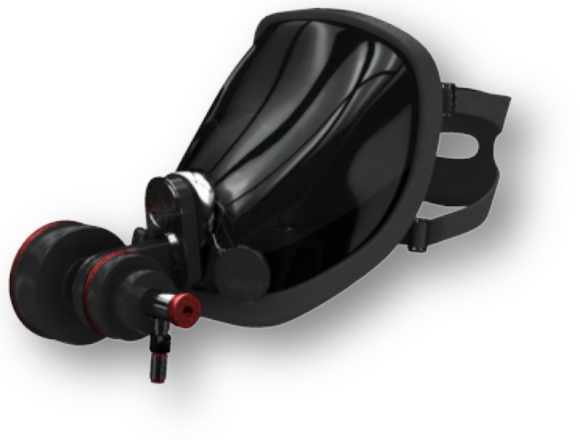
Module 50: Toxicology Part 1
Chemical Classification
Toxicology
Routes of Exposure and Dose
Interaction with Other Chemicals Dust, Fumes, Mists and Vapors

Module 51: Toxicology Part 2
Toxicokinetics
Metabolism
Classes of Chemical Toxins
Dose to Organs



Module 52: Toxicology Part 3
Dose and Response
Storage in the Body
Chronic Response
Toxic
Chemical Interaction
Dose/Response
OSHA Exposure Limits

Module 53: Hazard Recognition Part 1
NFPA Requirements
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Defining Risk
Chemical Hazard Identification Systems
NFPA 704 System
DOT Labels and Placards
Ionizing Radiation

Module 54: Hazard Recognition Part 2
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Fires and Explosions
Combustibles
Shock Sensitive
Oxygen Deficiency

Module 55: Hazard Recognition Part 3
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Module 56: Hazard Recognition Part 4
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Module 57: Chemical Awareness Part 1
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Corrosive Class Chemicals
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Module 58: Chemical Awareness Part 2
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Module 59: Chemical Awareness Part 3
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Module 60: Chemical Awareness Part 4
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Fire Triangle

Module 61: Chemical Awareness Part 5
Oxidizers and Gases
Health Effects of Oxidizers and Gases
Protective Measures

Module 62: Chemical Awareness Part 6
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Module 63: Chemical Awareness Part 7
Radioactive Hazards
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Module 64: Chemical Awareness Part 8
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Transferable Contamination
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Module 65: Air Monitoring Part 1
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Air Monitoring Equipment Characteristics

Module 66: Air Monitoring Part 2
Types of Direct Reading Instruments
Calibration
Toxic Atmosphere Monitors

Module 67: Air Monitoring Part 3
Types of Direct Reading Instruments Cont'd
Photoionization Detector (PID)
Flame Ionization Detector (FID)
Radiation Monitors
OSHA Action Levels

"We really enjoyed the content and the delivery of your training".

S. Maide, U.S. EPA

Module 68: Air Monitoring Part 4
Active and Passive Sampling Equipment
Personal Monitors
Radiation Dosimeters
Calibration
Personal Sampling Plan

Module 69: Air Monitoring Part 5
OSHA Exposure Limits
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Permissible Exposure Limit (PEL)
Time Weighted Averages (TWA)
Calculating TWAs

Module 70: Air Monitoring Part 6
Site Monitoring
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Perimeter Monitoring
Variables of Hazardous Waste Site Exposures

Module 71: Hazardous Materials Sampling Part 1
Sampling Plan
Hazardous Materials Sampling
Sample Collection and Documentation

Module 72: Hazardous Materials Sampling Part 2
Soil, Surface Water and Groundwater Sampling
Types of Sampling Equipment

Module 73: Hazardous Materials Sampling Part 3
Container Sampling
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Selection of Sampling Equipment

Module 74: Site Emergencies Part 1
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Site Emergencies

How Teams assist in Emergencies
Roles of Personnel During Emergencies

Module 75: Site Emergencies Part 2
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Safe Refuge
Public Evacuations

Module 76: Site Emergencies Part 3
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Personal Locator Systems
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Module 77: Emergency Response Procedures and Documentation
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Module 78: Compressed Gas Cylinders
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Identification
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Module 79: Compressed Gas Cylinders Handling and Use
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Valves
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Module 80: Compressed Gas Cylinder Leaks
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Leaking Cylinders

Module 81: Compressed Gas Cylinder Transportation and Storage
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Segregation and Storage of Cylinders
Empty Cylinders

HAZWOPER Hands-On Simulator

Final Exam