



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

WWW.NATIONALENVIRONMENTALTRAINERS.COM

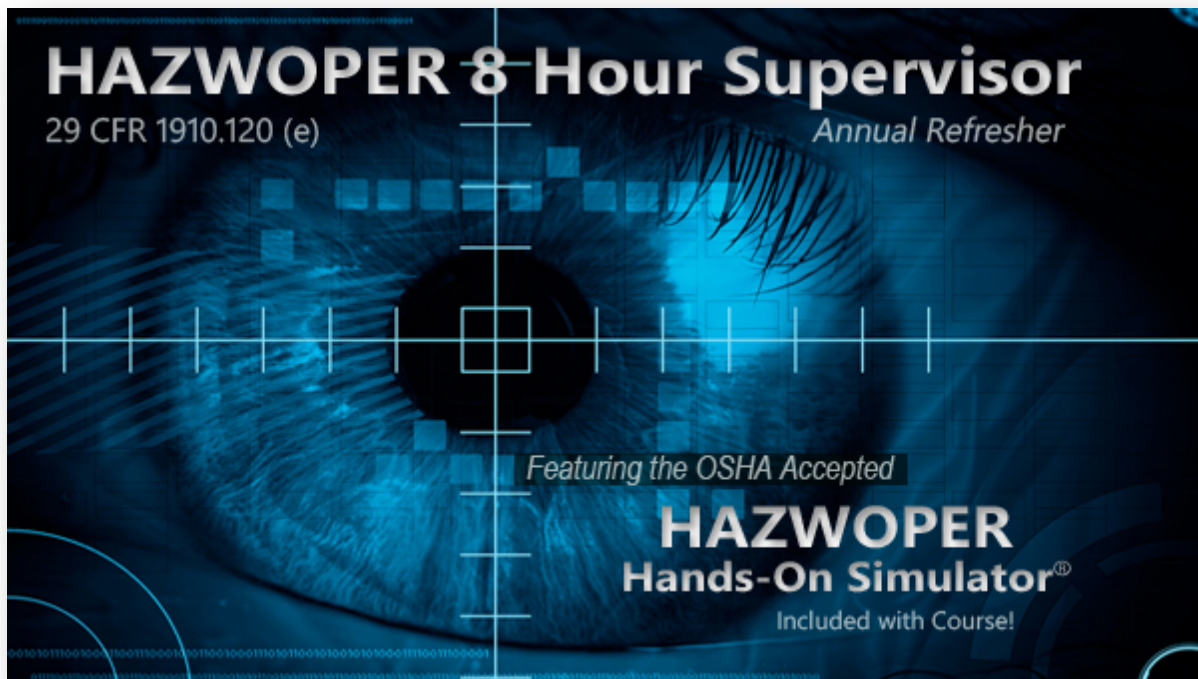
The Official Site of Environmental Health & Safety Training®

8 Hour HAZWOPER Supervisor Refresher

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: \$150.00 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 48 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 (e) regulations, (HAZWOPER regulations) this 8 hour supervisor training annual refresher is for individuals who have already taken the 8 hour supervisor and either the 40 hour or 24 hour HAZWOPER training. 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 8 hours of study time in order to satisfy the 8 hour HAZWOPER Supervisor re-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.



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

Supervisory personnel engaged in hazardous substance clean up and removal which will expose or potentially expose workers to hazardous substances and health hazards shall receive a minimum of 8 hours of supervisor certification instruction on an annual basis.

Course Overview

In compliance with the Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1910.120 (e), the 8 hour training is to re-certify individuals who have a supervisor role in Hazardous Waste Operations and Emergency Response (HAZWOPER) operations. This training course offers 8 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 8 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.

This course features our exclusive **OSHA accepted** HAZWOPER Hands-on Simulator and is divided into 48 short 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.

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

8 hours (OSHA 8 Hour HAZWOPER Supervisor Training Requirement) Note: OSHA requires the 8 hour course will take a minimum of 8 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 8 hour HAZWOPER course has been awarded 1.34 Industrial Hygiene CM Points by the American Board of Industrial Hygiene (ABIH) - approval number 13334. This course is eligible for .66 Continuance of Certification (COC) points from the Board of Certified Safety Professionals (BCSP).

Prerequisites

24 or 40 Hour HAZWOPER Course – 29 CFR 1910.120 (e)

Table of Contents

Module 1: Regulatory Overview

EPA
OSHA
Levels of Training

Module 2: Roles and Responsibilities Part 1

Organizational Structure
Essential Personnel
Health and Safety Plan (HASP)

Module 3: Roles and Responsibilities Part 2

Optional Personnel
Lines of Authority

Module 4: Hazard Recognition (Overview)

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

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

J. Staples, OSHA

Module 5: Hazard Recognition Part 1

NFPA Requirements
Job Hazard Analysis
Defining Risk
Chemical Hazard Identification Systems
NFPA 704 System
DOT Labels and Placards
Ionizing Radiation

Module 6: Hazard Recognition Part 2

Chemical and Physical Hazards
Fires and Explosions
Combustibles
Shock Sensitive
Oxygen Deficiency

Module 7: Hazard Recognition Part 3

Site and Equipment Hazards
Noise
Heat Stress
Heat Stroke
Cold Stress

Module 8: Hazard Recognition Part 4

Infectious Diseases (Bloodborne Pathogens, HIV, HBV)
Sanitation
Illumination
Lockout/Tagout

Module 9: Toxicology Part 1

Chemical Classification
Toxicology
Routes of Exposure and Dose
Interaction with Other Chemicals Dust, Fumes, Mists and Vapors

Module 10: Toxicology Part 2

Toxicokinetics

Metabolism

Classes of Chemical Toxins

Dose to Organs

Module 11: Toxicology Part 3

Dose and Response

Storage in the Body

Chronic Response

Toxic

Chemical Interaction

Dose/Response

OSHA Exposure Limits

Module 12: Placards and Labeling

NFPA Hazardous System Identification

DOT Placards

Module 13: Respiratory Protection Part 1

Respirator Protection Program

Respirator Types

Selection of Respiratory Equipment

Module 14: Respiratory Protection Part 2

Air-purifying Respirators

Combination Canisters and Cartridges

Types of APR Face Pieces

Module 15: Respiratory Protection Part 3

Supplied Air Respirators (SAR)

Self Contained Breathing Apparatus

(SCBA) Combination SCBA/SAR

Module 16: Respiratory Protection Part 4

Chemical Concentration

Protection Factors

Calculating Protection Factors

Module 17: 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 18: Personal Protection Equipment (PPE)

Part 1 Clothing and Ensembles

Developing a PPE Program

Training

Program Review and Evaluation

Module 19: Personal Protection Equipment (PPE)

Part 2

Level A

Level B

Level C

Level D

Selecting the level of protection



Module 20: 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 21: Personal Protection Equipment (PPE) Part 4

Considerations for working in PPE

Air Supply Consumption

Coolant Supply

Accessories

Special Considerations

Module 22: Personal Protection Equipment (PPE) Part 5

Reasons to Upgrade/Downgrade PPE

PPE Inspection Program

Proper Storage

PPE Before Use Inspection

Module 23: 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 24: 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 25: HAZWOPER Site Control

Site Map
Site Preparation

Module 26: HAZWOPER Site Zones

Site Zones Explained
Establishing the Hot Line
The Buddy System

Module 27: HAZWOPER Support Zones

Site Security
Communication Systems

Module 28: Decontamination Part 1

Decon Plan and Procedures
Standard Operating Procedures
Maximizing Worker Protection from Hazardous Wastes
Proper Dress Out Procedures
Levels of Contamination

Module 29: Decontamination Part 2

Personal Decon Station
Extent of Decon Required
Types of Contamination
Amount of Contamination
Levels of Protection

Module 30: Decontamination Part 3

Decon of Personnel and Equipment
Decon During Medical Emergencies
Physical Injury
Heat Stress

Module 31: Decontamination Part 4

Protection for Decon Workers
Decon Procedures
Chemical and Physical Removal of Contamination

Module 32: Decontamination Part 5

Persistent Contamination
What if Decon procedure has not worked?
Lab Testing Articles
Fundamentals that Affect Permeation of Protective Clothing
Substance and Tools for Effective Decontamination

Module 33: Medical Surveillance Part 1

Information for Medical Program
Develop a Site Specific Medical Program

Module 34: Medical Surveillance Part 2

Medical Examination
Periodic Medical Monitoring
Examination After Injury
Termination Exam
Leaking, Open and Deteriorated Drums
Buried Drums



Module 35: Site Characterization Part 1

Offsite Characterization and Records Search
Information Sources
Interviews
Perimeter Reconnaissance
On-site Survey

Module 36: Site Characterization Part 2

Protection of Entry Team and Documentation
Entry Team
Monitoring and Hazard Assessment
Document Control

Module 37: Confined Spaces

Key Occupational Roles
Safety Attendant
Authorized Entrant
Emergency Rescue Team Training

Module 38: What is a Confined Space?

Confined Space Fatalities
Types of Confined Spaces
Specific Confined Space Hazards

Module 39: Confined Space Injury Prevention

Injury Prevention
Causes of Fatalities

Module 40: Training and Equipping Your HAZMAT Team Part 1

Training Requirements
HAZMAT Levels
Responsibilities

Module 41: Training and Equipping Your HAZMAT Team Part 2

Medical Monitoring
Cost of Training

Protection Levels and Equipment

Module 42: Overview of DOT Emergency Response Guidebook (ERG)

Introduction

How to Read the ERG

List of DOT Tanks and Containers

Labeling

Module 43: Applicable Laws and Regulations

EPA

Difference Between Laws and Regulations

Major EPA and OSHA Laws

Recordkeeping and Notifying OSHA

OSHA Plan States

Module 44: Site Emergencies Part 1

Planning and Personnel

Site Emergencies

How Teams assist in Emergencies

Roles of Personnel During Emergencies

Module 45: Site Emergencies Part 2

Communications Safe Distances and Site Mapping

Safe Refuge

Public Evacuations

Module 46: Site Emergencies Part 3

Evacuations and Emergency Decontamination

Personal Locator Systems

Evacuation Routes and Procedures

First Aid/Medical Treatment

Module 47: Site Emergencies Part 4

Emergency Response Documentation and Procedures

Sizing Up the Incident

Rescue and Response Actions

Follow up and Documentation

Module 48: General Health and Safety Plan

Guidelines

Health and Safety Guidelines

Overview of Health and Safety Plan

HAZWOPER Hands-On Simulator

Final Exam

