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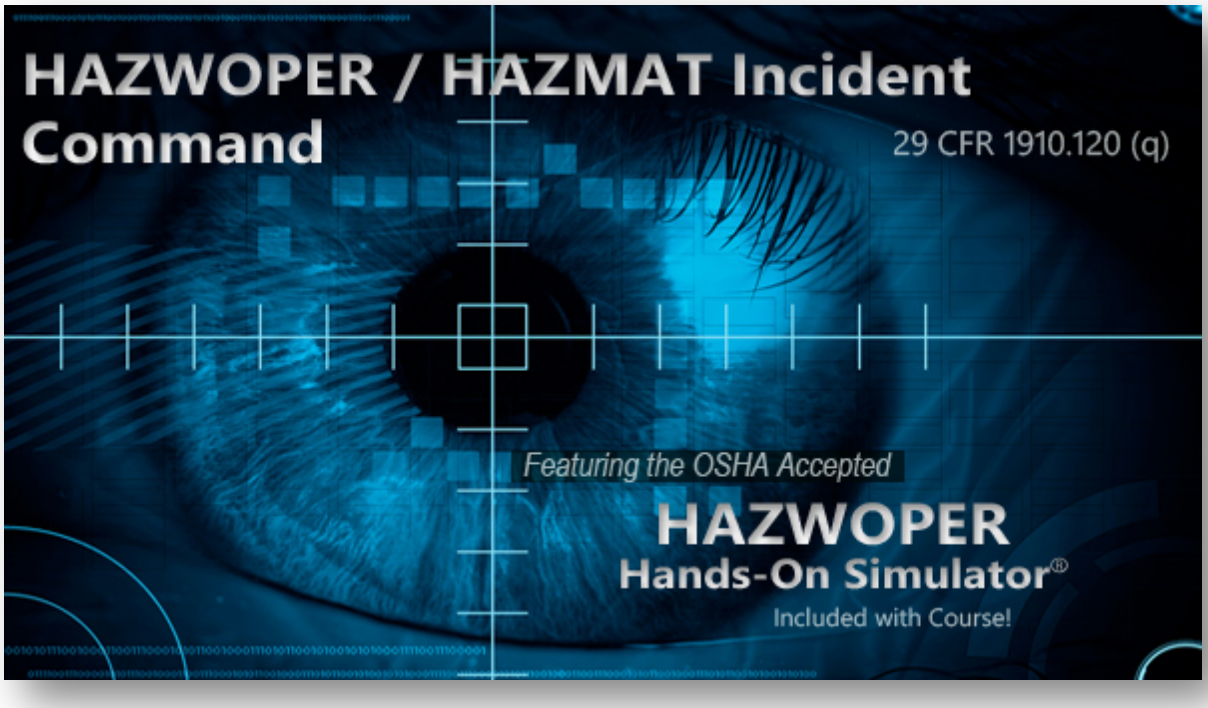
The Official Site of Environmental Health & Safety Training®

HAZWOPER / HAZMAT Incident Commander

29 CFR 1910.120 (q)

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 35 interactive flash animations
- Approximately 55 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 (q) regulations, (HAZWOPER regulations) this training is required for individuals who will act as Incident Commanders in an emergency response. 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 part of the 8 hour HAZWOPER/HAZMAT Incident Commander 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.

This course is designed to provide participants with an increased capability to assume the role of an Incident Commander during hazardous material response event; with specific emphasis on personnel safety and management of the HAZMAT scene. The students will become familiar with an emergency response plan. This course is targeted and helpful for anyone who may assume an ICS Command or General Staff role on a HAZMAT incident. In compliance with OSHA 29 CFR 1910.120 (q) regulations, this training is required for individuals having a role with Hazardous Waste Operations and Emergency Response.

Course Overview

Hazardous Materials (HAZMAT) Incident Commanders are trained to manage hazardous materials emergencies beyond that of the First Responder. Upon arrival to the scene, they formally assume command from the first responder, who should have already established a working ICS (Incident Command System) and would be the interim Incident Commander.

This course provides the tools a person needs to assume control of an emergency response to a hazardous materials incident. It focuses on legal and practical requirements to safely and competently manage a hazardous materials incident.

OSHA requires HAZMAT Incident Commanders to be trained in accordance with section (q) of the HAZWOPER regulation. The total hourly requirement for HAZMAT Incident Commanders is 24 hours of training equal to the HAZMAT First Responder Operations plus competency in additional areas. The additional topics for competency as an Incident Commander are included in this course. Upon successful completion of the course, a person will be certified as a HAZMAT Incident Commander.

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.

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 HAZWOPER Training Requirement) Note: OSHA requires this 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

HAZMAT First Responder (24 Hours)

Table of Contents

Module 1: Overview of Incident Command System Part 1
Introduction Incident Commander Responsibilities
Hazardous Materials Contingency Plan Organization
Incident Command
System

Module 2: Overview of Incident Command System Part 2
Incident Command System History
Incident Command System Organization Flowchart
Explanation of Roles and Responsibilities with the ICS Organization

Module 3: Incident Command Facilities
Incident Command Facilities and Locations
Command Post
Staging Areas
Bases

Module 4: Incident Command System Concepts and Principles
Common Terminology
Unity of Command
Designated Incident Facilities

Module 5: Facility Emergency Response Plan Part 1
Pre-emergency Planning
Personnel Roles and Communication
Recognition and Prevention
Safe Distances and Refuge

Module 6: Facility Emergency Response Plan Part 2
Site Security and Control
Evacuation Routes and Procedures
Emergency Decontamination
Emergency Medical Treatment and First Aid
Emergency Response Procedures and Critique

Module 7: Training and Equipping Your HAZMAT *Team Part 1*
Training Requirements
HAZMAT Levels
Responsibilities

Module 8: Training and Equipping Your HAZMAT Team Part 2
Medical Monitoring
Cost of Training
Protection Levels and Equipment

Module 9: Facility Emergency Response Audit Part 1
Performing a Process Hazard Analysis
Site Identification
Hazard Qualification
Consequence
Analysis

Module 10: Facility Emergency Response Audit Part 2
Performing a Workplace Hazard Analysis
Determining Location
Examine Container Condition
Determine the Physical State of Contents
Determine Dispersion Pathways
Exposure Indicators

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

J. Staples, OSHA

Module 11: Federal, State and Local Emergency Response Requirements
Site Zones Explained
Establishing the Hot Line
Site Zones Explained
Establishing the Hot Line
The Buddy System

Module 12: Spill and Release Reporting Under Federal Regulations Part 1
Emergency Planning Requirements
Emergency Planning and Notification
Procedures for SARA Title III Compliance
Regional Response Team
National Response Team

Module 13: Spill and Release Reporting Under Federal Regulations Part 2
DOT Notification Requirements
Leaking Containers

Module 14: Applicable Laws and Regulations
EPA Difference Between Laws and Regulations
Major EPA and OSHA Laws
Recordkeeping and Notifying OSHA
OSHA Plan States

Module 15: Overview of DOT Emergency Response
Guidebook (ERG)
Introduction
How to Read the ERG
List of DOT Tanks and Containers
Labeling

Module 16: Hazard Recognition (Overview)
Injury Prevention
Boiling Point, Vapor Pressure, Vapor Density, pH, Flashpoint
Oxidizers
Lower/Upper Explosive Limits
Flammability
Fire Triangle
SDS

Module 17: 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 18: Hazard Recognition Part 2
Chemical and Physical Hazards
Fires and Explosions
Combustibles
Shock Sensitive
Oxygen Deficiency

Module 19: Hazard Recognition Part 3

Site and Equipment Hazards
Noise
Heat Stress
Heat Stroke
Cold Stress

Module 20: Hazard Recognition Part 4
Infectious Diseases (Bloodborne Pathogens, HIV, HBV)
Sanitation
Illumination
Lockout/Tagout

Module 21: Toxicology Part 1
Chemical Classification
Toxicology
Routes of Exposure and Dose
Interaction with Other Chemicals Dust, Fumes, Mists and Vapors

Module 22: Toxicology Part 2
Toxicokinetics
Metabolism
Classes of Chemical Toxins
Dose to Organs

Module 23: Toxicology Part 3
Dose and Response
Storage in the Body
Chronic Response
Toxic
Chemical Interaction
Dose/Response
OSHA Exposure Limits

Module 24: Placards and Labeling
NFPA Hazardous System Identification
DOT Placards

Module 25: Respiratory Protection Part 1
Respirator Protection Program
Respirator Types
Selection of Respiratory Equipment

Module 26: Respiratory Protection Part 2
Air-purifying Respirators
Combination Canisters and Cartridges
Types of APR Face Pieces

Module 27: Respiratory Protection Part 3
Supplied Air Respirators (SAR)
Self Contained Breathing Apparatus (SCBA) Combination SCBA/SAR

Module 28: Respiratory Protection Part 4
Chemical Concentration
Protection Factors
Calculating Protection Factors

Module 29: 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 30: Personal Protection Equipment (PPE) Part 1
Clothing and Ensembles
Developing a PPE Program
Training
Program Review and Evaluation

Module 31: Personal Protection Equipment (PPE) Part 2
Level A
Level B
Level C
Level D
Selecting the level of protection

Module 32: 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 33: Personal Protection Equipment (PPE) Part 4
Considerations for working in PPE
Air Supply Consumption
Coolant Supply
Accessories
Special Considerations

Module 34: Personal Protection Equipment (PPE)

Part 5
Reasons to Upgrade/Downgrade PPE
PPE Inspection Program
Proper Storage
PPE Before Use Inspection

Module 35: Personal Protection Equipment (PPE) Part 6
In-use Monitoring
Donning and Doffing
Clothing Reuse
Heat Stress and Monitoring
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Heat Cramps
Heat Stroke

Module 36: 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 37: HAZWOPER Site Control
Site Map
Site Preparation

Module 38: HAZWOPER Site Zones
Site Zones Explained
Establishing the Hot Line
The Buddy System

Module 39: HAZWOPER Support Zones
Site Security
Communication Systems

Module 40: Decontamination Part 1
Decon Plan and Procedures
Standard Operating Procedures
Maximizing Worker Protection from Hazardous Wastes

Proper Dress Out Procedures
Levels of Contamination

Module 41: Decontamination Part 2
Personal Decon Station
Extent of Decon Required
Types of Contamination
Amount of Contamination
Levels of Protection

Module 42: Decontamination Part 3
Decon of Personnel and Equipment
Decon During Medical Emergencies
Physical Injury
Heat Stress

Module 43: Decontamination Part 4
Protection for Decon Workers
Decon Procedures
Chemical and Physical Removal of Contamination

Module 44: 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 45: Medical Surveillance Part 1
Information for Medical Program
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Module 46: Medical Surveillance Part 2
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Periodic Medical Monitoring
Examination After Injury
Termination Exam

Module 47: Site Emergencies Part 1
Planning and Personnel
Site Emergencies
How Teams assist in Emergencies
Roles of Personnel During Emergencies

Module 48: Site Emergencies Part 2
Communications Safe Distances and Site Mapping
Safe Refuge
Public Evacuations

Module 49: Site Emergencies Part 3
Evacuations and Emergency Decontamination
Personal Locator Systems
Evacuation Routes and Procedures
First Aid/Medical Treatment

Module 50: The Ability to Recognize and Identify Hazardous Materials Part 1
Hazardous Materials Clues
Occupancy/Location
Fixed Sites

Transportation Sources
Highway, Rail and Air
Marine
Pipelines

Module 51: The Ability to Recognize and Identify
Hazardous Materials Part 2
Tanks and Containers
Container Shape and Size
Types of DOT Highway Transportation Tanks, Tankers, Trailers and Containers
Types of DOT Rail Transportation Tank Cars
Types of DOT Storage Containers
Marine
Pipelines

Module 52: The Ability to Recognize and Identify
Hazardous Materials Part 3
Tanks and Containers Markings and Colors
NFPA 704 System
HMIS Placards and Labels
UN NA Hazard Class System
DOT 9 Classes of Hazardous Materials
Shipping Papers and MSDS

Module 53: Containment, Confinement and Control of Hazardous Materials Releases Part 1
Standard Strategic Goals
Site Perimeters and Hazard Control Zones
Factors Affecting the Ability of Personnel to Perform a Rescue
Rescue Risks Associated with DOT 9 Hazard Classes
Operational Level Response Actions
Sizing Up a HAZMAT Incident

Module 54: Containment, Confinement and Control of Hazardous Materials Releases Part 2
Release Control Methods
Confinement, Absorption and Adsorption

Damming, Diking, Diversion and Retention Ventilation and Vapor Dispersion
Dispersion and Dilution
Other Spill Control Tactics

Module 55: Containment, Confinement and Control of Hazardous Materials Releases Part 3
Vapor Suppression
Using Foams
Types of Foams
Foam Methods
Typical Fire Control Tactics
Leak Control/Containment for Containers
Termination Phase

HAZWOPER Hands-On Simulator

Final Exam

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

S. Maide, U.S. EPA