



HAZWOPER 40-Hour Course Outline (Summary)

Prerequisites: This course shall have no formal pre-requisite.

Course Length – 40 hours - Course length shall vary depending on the number of delegates.
Total course time includes breaks.

Class Size: The maximum number of delegates that may be trained and tested per instructor shall be thirty-five (35) in the classroom session.

Day 1 - Operations Level

-) Provide knowledge of the basic hazard and risk assessment techniques.
-) Understand basic hazardous materials terms.
-) Know how to select and use proper personal protective equipment provided to the first responder operational level.
-) Know how to perform basic control, containment and/or confinement operations within capabilities.
-) How to implement basic decontamination procedures.
-) Provide an understanding of the relevant standard operating procedures and termination procedures.
-) Delegates should be able to demonstrate knowledge during written examination.

Day 2 – Incipient Firewatch/Medic First Aid/CPR/AED

-) Provide delegates the necessary skills to safely perform incipient firefighting duties.
-) General housekeeping rules to prevent fires.
-) Discuss the classifications of fire.
-) Discuss the classifications of fire extinguishers.
-) Teach basic methods of fire extinguishment.
-) Incipient firefighting hazards.
-) Teach general industry hot work & fire watch regulations and procedures.
-) Delegates should be able to demonstrate the necessary skills during practical examination and demonstrate knowledge during written examination.
-) Provide delegates with the core knowledge to perform basic first aid.
-) Provide delegates with the core knowledge to perform Cardiopulmonary Resuscitation (CPR) with or without the use of an Automated External Defibrillator (AED).
-) Provide delegates with the understanding of Universal Precautions and how to protect themselves from Bloodborne Pathogens (BBP)



Day 3 - Technician Level

-) Provide formal class instruction to describe the requirements and related information that a Hazmat trainee must possess in order to become a competent “Hazmat Technician” level employee.
-) Provide the training and certification to individuals that have a desire and can demonstrate the formal skills necessary to become a HAZMAT Technician.
-) Know the classification, identification and verification of known and unknown materials by using field survey instruments and equipment.
-) Be able to function within an assigned role in the Incident Command System.
-) Know how to select and use proper specialized chemical personal protective equipment provided to the hazardous materials technician.
-) Understand and implement decontamination procedures.
-) Understanding of relevant standard operating procedures and termination procedures.
-) Understand basic chemical and toxicological terminology and behavior.
-) Delegates should be able to demonstrate knowledge during written examination.

Day 4 & 5 - Specialist Level

-) Provide formal class instruction to describe the requirements and related information that a HAZMAT trainee must possess in order to become a competent “HAZMAT Specialist” level employee.
-) Provide the training and certification to individuals that have a desire and can demonstrate the formal skills necessary to become a HAZMAT Specialist.
-) Know how to implement an emergency response plan.
-) Learn the importance and reasons for proper communication with various news media agencies concerning a facility incident.
-) Understand classification, identification and verification of known and unknown materials by using advanced survey instruments and equipment.
-) Learn the duties and responsibilities of the Incident Commander and associated incident or emergency response personnel.
-) Be able to perform specialized control, containment, and/or confinement operations within the capabilities of the resources and personal protective equipment available.
-) Be able to determine and implement decontamination procedures.
-) Know of the state emergency response plan.
-) Have the ability to develop a site safety and control plan.
-) Understand chemical, radiological and toxicological terminology and behavior.
-) Delegates should be able to demonstrate the necessary skills during practical examination and demonstrate knowledge during written examination.



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Course Design

-) Power Point© / Lecture / Audio Video / Visual Aids
-) Demonstrations
-) Practical Exercises

Successful Course Completion

-) Requires a minimum score of 75% or better.
-) Delegates will have no more than thirty (30) minutes to complete the exam.
-) Grades shall be calculated by dividing the number of questions answered correctly by the total number of exam questions.

Course Content Summary

-) Classroom

Breaks: 10 minutes (approximately every hour)

Lunch: 1 Hour

Practical Session

Day 2 - Incipient Firewatch/Medic First Aid/CPR/AED

Practical shall verify the following:

-) Properly select and wear appropriate PPE during practical training
-) Inspect and identify damaged extinguishers
-) Select appropriate extinguisher and firefighting equipment
-) Effectively communicate with others in the area using proper alerting techniques
-) Demonstrate use of firefighting equipment
-) Demonstrate firefighting techniques as discussed in theory
-) Demonstrate how to extinguish a fire
-) Properly remove used extinguishers from service
-) Caring for Cardiac Arrest
-) Control of Bleeding

Day 4 & 5 - Specialist Level

Practical training shall utilize a table top scenario which allows for open discussion involving individual company procedures for a similar incident.

Practical shall verify the following:

-) Properly select and wear appropriate PPE during practical training
-) Inspect and identify damaged tools/PPE
-) Effectively don all required PPE



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-) Implement Emergency Response Plan and establish an Incident Command
-) Respond to a spill and implement response containment
-) Use tools and equipment to properly neutralize a hazardous waste cleanup
-) Properly utilize decontamination equipment
-) Properly navigate all decontamination stations
-) Ability to properly dispose of all contaminated PPE and HAZMAT Tools

Training Center Provided Material

-) Course materials
-) PPE
-) Fire Extinguisher
-) MFA Practical Equipment
-) Medic First Aid Basic Plus CPR, AED, and First Aid for Adults Student Book

Delegate Requirements

-) None

Reference Material / Documents

OSHA 29 CFR 1910.120 – HAZWOPER Standard
OSHA 29 CFR 1910.38 – Emergency Response (Action) Plans
EPA 40 CFR 311 – Worker Protection
EPA 40 CFR 112 – SPCC Plans/Facility Response Plans
EPA 40 CFR 372 – SARA/EPCRA Requirements
EPA 40 CFR 68 – Risk Management Program
EPA 40 CFR 264-265 – Contingency Planning Requirements
EPA 40 CFR 279 – Used Oil Management Standards
EPA 40 CFR 280 – Underground Storage Tank Standards
Medic First Aid Basic Plus CPR, AED, and First Aid for Adults Student Book
National Fire Protection Association Codes and Standards
OSHA 29 CFR 1910.157 Portable Fire Extinguishers
OSHA 29 CFR 1926.150 Fire Protection
BSSE 30 CFR 250.109 – 250.113 (Welding & Burning)