



M&A Safety Services

512 Viaulet Road
Youngsville, Louisiana 70592
Main: 337-451-4685
Fax: 337-451-5847
www.masafetyservices.com

HAZWOPER Operations Level

Course Outline

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

Course Length: 8 hours – Course length shall vary depending on the number of delegates. Total course time include 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.

Course Objective

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

Course Design

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

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



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Course Outline

About HAZWOPER

-) Regulations
-) Definitions
-) Laws and Acts
-) Medical Surveillance

HAZWOPER Training

-) Levels of Training
 - o First Responder – Awareness
 - o First Responder – Operations Level
 - o HAZMAT Technician
 - o HAZMAT Specialist
 - o On Scene Incident Commander
-) Video – HAZWOPER Emergency Response Training for Employees

Hazard Assessment

-) Why Hazard Assessment?
-) Control Measures
 - o Engineering Controls
 - o Administrative Controls
 - o Personal Protective Equipment (PPE)
-) Assessment Guidelines
-) Potential Hazard Solutions
-) Job Safety Analysis (JSA)
 - o Benefits of a JSA
 - o Writing a JSA
 - o Pre-Written JSA
 - o Sample JSA

Hazardous Communications (HAZCOM)

-) Right to Know/Right to Understand
-) HAZCOM Standard Requirements
-) HAZCOM Program
-) Safety Data Sheet (SDS)
 - o Sections of SDS
 - o SDS Content
 - o SDS Terminology
 - o SDS Locations
 - o Video – GHS Safety Data Sheets
-) HAZCOM Labeling



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- Video – GHS Labels
-) Other Labeling Systems
 - NFPA
 - HMIS
-) Placards
-) Placard Hazard Classes
-) Emergency Response Guidebook (sections)
 - White Section
 - Yellow Section
 - Blue Section
 - Orange Section
 - Green Section
 - Table 1
 - Table 2
 - Table Top Exercise 1
 - Table Top Exercise 2

HAZWOPER Precautions

-) HAZMAT Release
-) Types of Hazards
 - Physical
 - Health
 - Specific Fire Hazards
-) Additional Hazards
 - Chemical
 - Radiation
 - Etiologic
-) Signs of Hazardous Material at the Scene
-) Hazard Control Measures
 - Engineering Controls
 - Administrative Controls
 - Personal Protective Equipment (PPE)

HAZWOPER Personal Protective Equipment (PPE)

-) Levels of PPE
 - Level A
 - Level B
 - Level C
 - Level D
-) Types of Respirators
 - Air-Purifying
 - Supplied Air



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-) Respirator Fit Testing
-) Respirator Inspection
-) Respirator Maintenance
-) Respirator Donning/Doffing
-) Respirator Storage
-) Chemical Protective Accessories
 - o Gloves
 - o Boots
 - o Head Protection

HAZWOPER Operations

-) Basic Containment
-) Spill Control
 - o Video – Spill Control
-) Standard Operating Procedures
 - o Proper identify the hazardous substance
 - o First on Scene
 - o Decontamination

Marine Debris

-) Video – BSEE Marine Trash and Debris

Practical Session

-) None

Training Center Provided Material

-) Course Materials

Delegate Requirements

-) None

Reference Material / Documents

OSHA 29 CFR 1910.120
EPA 40 CFR 311