



## **M&A Safety Services**

512 Viaulet Road  
Youngsville, Louisiana 70592  
Main: 337-451-4685  
Fax: 337-451-5847  
[www.masafetyservices.com](http://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
  - First Responder – Awareness
  - First Responder – Operations Level
  - HAZMAT Technician
  - HAZMAT Specialist
  - On Scene Incident Commander

#### Hazard Assessment

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

#### Hazardous Communications (HAZCOM)

- Right to Know
- HAZCOM Standard Requirements
- HAZCOM Program
- Material Safety Data Sheet (MSDS)
  - Sections of MSDS
  - MSDS Content
  - MSDS Terminology
- HAZCOM Labeling
- Other Labeling Systems
  - NFPA
  - HMIS
- Placards



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- Placard Hazard Classes
- Emergency Response Guidebook (sections)
  - White Section
  - Yellow Section
  - Blue Section
  - Orange Section
  - Green Section
    - Table 1
    - Table 2

### HAZWOPER Precautions

- HAZMAT Release
- Types of Hazards
  - Physical
  - Health
- 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
- Respirator Fit Testing
- Respirator Inspection
- Respirator Maintenance
- Respirator Donning/Doffing
- Respirator Storage
- Chemical Protective Accessories
  - Gloves



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- Boots
- Head Protection

### **HAZWOPER Operations**

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

### **Marine Debris**

- Video – “Think About It”
  - Marine Debris Awareness Training Video (Offshore Operators Committee)

### **Practical Session**

- None

### **Training Center Provided Material**

- Course Materials

### **Delegate Requirements**

- None

### **Reference Material / Documents**

OSHA 29 CFR 1910.120  
EPA 40 CFR 311