



M&A Safety Services

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

HAZWOPER Technician Level

Course Outline

Prerequisites: The delegate should have valid HAZWOPER First Responder-Operations Level Training.

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 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.
- 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

HAZWOPER Review

- Regulations
- Definitions
- Medical Surveillance
- HAZWOPER Training
 - Levels of Training
 - First Responder – Awareness
 - First Responder – Operations Level
 - HAZMAT Technician
 - HAZMAT Specialist
 - On Scene Incident Commander
- 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
 - Placard Hazard Classes
 - Emergency Response Guidebook (sections)
 - White Section
 - Yellow Section
 - Blue Section
 - Orange Section
 - Green Section
 - Table 1
 - Table 2
- 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)
- Levels of Personal Protective Equipment (PPE)
 - Level A
 - Level B
 - Level C
 - Level D
- Types of Respirators
 - Air-Purifying
 - Supplied Air
- Respirator Donning/Doffing
- Respirator Fit Testing
- PPE Inspection
- PPE Maintenance
- PPE Storage

HAZMAT Containment

- Spill Prevention, Control and Counter Measure (SPCCM)
- Spill Response Plan
- Basic Containment
 - Defensive Actions
 - Offensive Actions
- Spill Control Equipment
 - Absorbent Materials
 - Spaghetti Booms
 - Containment Technique Examples
- Drum Handling
- Drum Repair Kit
- Pipe Repair Kit
- Pipe Leak Diverter and Drip Kit

HAZMAT Scene Assessment

- Scene Zones
 - Hot Zone – exclusion zone
 - Warm Zone – decontamination zone
 - Support Zone – incident command and support services



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- Methods of Detection
 - HAZMAT Simultest Kit
 - HAZMAT Smart Strips Kit
 - Personal Electronic Detectors
 - Fixed Detectors

HAZMAT Decontamination

- Purpose of DECON
- Ways to Minimize Contamination
- General Requirements
- Decontamination Plan
- Level A Decontamination Set-Up
 - Facility and Equipment Arrangements/Layout
- Decontamination Safe Practices
- Decontamination Facilities
- Standard DECON Layout Example
- Emergency Decontamination
- DECON Containment Mat Examples
- Gross DECON Examples
- Gross DECON Shower Examples
- Equipment DECON Examples
- Grey Water Containment Bag Examples

Practical Session

- Table Top Exercise

Training Center Provided Material

- Course materials

Delegate Requirements

- None

Reference Material / Documents

OSHA 29 CFR 1910.120
EPA 40 CFR 311