



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 completed 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.
-) Grades shall be calculated by dividing the number of questions answered correctly by the total number of exam questions.
-) Delegates will have no more than thirty (30) minutes to complete the exam.

Course Content Summary

-) Classroom

Breaks: 10 minutes (approximately every hour)

Lunch: 1 Hour



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Course Outline

HAZWOPER Review

-) Regulations and Training
-) Definitions
-) 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
-) Hazardous Communications (HAZCOM)
 -) Right to Know
 -) HAZCOM Standard Requirements
 -) HAZCOM Program
 -) Safety Data Sheet (SDS)
 - o Sections of SDS
 - o SDS Content
 - o SDS Terminology
 -) HAZCOM Labeling
 -) Other Labeling Systems
 - o NFPA
 - o HMIS
 -) Placards
 -) Placard Hazard Classes
 -) Emergency Response Guidebook (sections)
 - o White Section
 - o Yellow Section
 - o Blue Section
 - o Orange Section
 - o Green Section
 -) Table 1
 -) Table 2
-) HAZMAT Release
-) Types of Hazards
 -) Physical
 -) Health
 -) Specific Fire Hazards
-) Additional Hazards
 -) Chemical



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-) Radiation
-) Etiologic
-) Signs of Hazardous Material at the Scene
-) SOP and Emergency Response Plan
-) 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
-) Video - PPE

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
-) Video – Handling Hazardous Waste
-) Drum Handling
-) Drum Repair Kit
-) Pipe Repair Kit
-) Pipe Leak Diverter and Drip Kit
-) Video – Drum Handling



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HAZMAT Scene Assessment

-) Scene Zones
 -) Hot Zone – exclusion zone
 -) Warm Zone – decontamination zone
 -) Support Zone – incident command and support services
-) Methods of Detection
 -) HAZMAT Simultest Kit
 -) HAZMAT Smart Strips Kit
 -) Personal Electronic Detectors
 -) Fixed Detectors
-) Video – In-Plant Immediate Emergency Response

HAZMAT Decontamination

-) About Decontamination
-) Purpose of DECON
-) Ways to Minimize Contamination
-) Decontamination Plan
 -) Decontamination Team
 - o General Requirements
 -) Waste Disposal
 - o Grey Water Containment Bag Examples
 -) Emergency Decontamination
-) Standard DECON Layout Example
-) Level A Decontamination Set-Up
 -) Facility and Equipment Arrangements/Layout
-) Decontamination Safe Practices
-) Decontamination Facilities
 -) Equipment DECON Examples
 -) DECON Containment Mat Examples
-) Video – Decontamination 1
-) Changing Shower/Break Facilities
-) Gross DECON Shower Examples
-) Gross DECON Examples
-) Video – Decontamination 2

Practical Session

-) Table Top Exercise

Training Center Provided Material

-) Course materials

Delegate Requirements



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) None

Reference Material / Documents

OSHA 29 CFR 1910.120

EPA 40 CFR 311