

Learning Topic: Environmental Management of Wastes & Dangerous Materials

Course Name: 3. Handling of hazardous material.

Reference Code : SAF 318

Description:

Hazardous materials handling is a process that involves people performing functions related to handling, packaging, storing, moving, loading and unloading of hazardous materials, and responding to emergency situations while such materials are in use and transportation.

This program embraces knowledge in control, containment, confinement, and emergency response techniques.

Course Objective:

At the end of this training, delegates will:

- Understand the instruction in the handling, transportation and interaction of hazardous substances.
- Recognize and differentiate between areas of focus include primary, secondary and tertiary methods of protection and hazard identification
- Comply with spill procedures and HAZMAT regulations.
- Become conversant with shipping and receiving manifests and HAZMAT labeling
- Demonstrate implementation of basic concepts of response plan preparation.
- Be able to use the Incident Command System/National Incident Management System to enhance their skills through a simulated spill conducted under realistic conditions
- Understand the impact of hazardous material on the environment and take proper precautions for prevention.

Program Methodology:

This interactive training/workshop provides intense learning opportunities provided through wide ranging discussions, presentations, related videos, group workshops, etc. The course characterizes sustained interest, enthusiasm and participation displayed by the participants throughout the program

Who Should attend?

- First responders and fire fighting team
- Industrial emergency response teams/units
- Hazardous-waste generators and transporters
- Environmental health and safety personnel

United Arab Emirates

Emirates Towers, Level 41 Sheikh Zayed Road
Dubai-UAE. P.O Box 3103

Kingdom of Saudi Arabia

Khobar Gate Tower
King Fahad Street , Khobar 31952

Kingdom of Saudi Arabia

101 Business Tower, 8th Floor
Al Jubail 35513, Bldg# 9278 ,KSA

Course Outline:

Regulatory Overview

- What constitute hazardous material (The F-list, the K-list, the P-list and the U-list.)
- Hazardous Waste Operations and Emergency Response(HAZWOPER)
- Hazard Communication Standard (HAZCOM)
- CERCLA/ superfund issues
- Resource Conservation and Recovery Act (RCRA)
- Other environmental regulations

Day 2. Storage and Care of Hazardous Materials

- Storage compatibility considerations
- Types of storage facilities
- Features of hazardous materials storage facilities
- Types of hazardous materials storage areas
- Hazard/risk assessment
- Personal Protection Equipment (PPE)

Day 3. Chemical Hygiene and Hazard Communication Program

- Program requirements
- Labeling of containers of chemicals in the workplace
- Material Safety Data Sheets
- Employee information and training
- Inventory and quality control
- Preparation and maintenance

Day 4. Storage Quality Control

- First-In First-Out (FIFO) method
- Surveillance programs
- Disposal of excess stocks
- Control of storage locations
- Fire protection
- Inspections and operational procedures

Day 5. Environmental Protection

- SPCC management practices
- Spill contingency planning
- Development of spill response preplan
- The spill response team and the hazard waste site work crew
- Decontamination & facility restoration
- Management of Change

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Course Duration	Date	Venue	Course Fee
5 Days			

Time: 08:00 AM -03:00 PM

Numbers of hours: 30 Hours

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