

## Learning Topic: Safety, Fire Fighting & Loss Prevention

Course Name: 5.HAZCOM/HAZMAT in Petrochemical Industry.

Reference Code : SAF 322

### 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.
- Handling of Hazardous Material and Chemical training consists of instruction in the handling, transportation and interaction of hazardous substances. Areas of focus include primary, secondary and tertiary methods of protection, hazard identification, HAZMAT storage, spill procedures HAZMAT regulations, and HAZCOM standards. This program also embraces knowledge in control, containment, confinement, and emergency response techniques.

### Course Objective:

Successful participants of this course will be able to:

- Comply with OSHA's Hazard Communication Standard
- Adopt the new GHS Standards
- Develop the company HAZCOM-GHS program
- Assess potential chemical exposures and develop effective means for Control
- Identify and propose/use relevant PPE based on hazard exposure
- Respond and communicate effectively with the emergency services
- Lay the foundation for dealing with more serious incidents requiring a higher level of response
- Develop emergency response plan
- Implement basic concepts of response plan preparation
- Develop credible HAZMAT scenarios in your facility

Develop an emergency response plan

### 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.

#### United Arab Emirates

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

Tel.:0097143132317

#### Kingdom of Saudi Arabia

Khobar Gate Tower  
King Fahad Street , Khobar 31952

Tel.: 00966133308334

#### Kingdom of Saudi Arabia

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

Tel.: +966 13 361 5552

## Who Should attend?

- Industrial emergency response teams/units
- Environmental technicians
- Facility personnel
- Hazardous-waste generators and transporters
- Safety practitioners
- First responders and firefighting team

## Course Outline:

1. Hazard Communication and Right-To-Know Regulations
2. Hazard Determination or Evaluation
3. Departmental/Employees Responsibilities
4. Material Safety Data Sheets
5. Hazardous Chemical Classification & Recognition
6. Perceptive of Hazard Chemical Labels
7. Physical and Health Hazards of your Chemicals
8. Working With Hazardous Chemicals
9. Transparency in Communicating the Non-Routine Tasks
10. How to Detect a Spill or Leak of Hazardous Chemicals
11. How to Detect Exposure of Employees
12. Training and Responsiveness of Employees
13. Developing and Sustaining the HAZCOM-GHS Program
14. Recognition, identification and classification of hazardous materials;
15. Hazard analysis and risk management
16. Hazardous materials chemistry/toxicology
17. Control methods, agents and materials usage in hazardous materials handling or incidents;
18. Respiratory protection and PPE
19. Decontamination
20. Preparing and using safety and response plans
21. Emergency medical considerations
22. Incident command systems
23. Spill containment
24. Procedures of incident response to hazardous materials

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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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