



Hazard Communication (HAZCOM)

Duration 2 Days

Introduction

This course was developed to provide training on the Hazard Communication In chemical Plants. The course concentrates on the chemical risks to health, measures to control hazards, and safety management of hazards.

Who Should Attend

This course is designed for workers who may come into contact with hazardous chemicals during the course of their work. Topics include an overview of hazard communication standards, requirements and responsibilities, training requirements, how to make a hazard determination, hazardous chemical characteristics, container labeling and other hazard warnings, material safety data sheets, employee training requirements, hazard prevention, minimization, preparedness, and exposure monitoring plans.

Course Objectives

Upon completion this program Participants will be able to:

- Explain the need for hazard communication in the workplace
- Identify fundamental aspects of a hazard communication program
- Describe the criteria for determining whether a substance is a hazard
- Use a MSDS or label to obtain hazard information for a particular chemical.

Course Outlines:

1. Chemical Risks to Health
 - A-Acute Effects
 - B-Local Effects
 - C-Allergic Reaction
 - D-Interactions
- 2-Toxicology
 - A-Exposure Routs
 - B-LD50 & LC50
 - C-Limit Values
- 3- Risky Chemical Materials
 - A-Dusts & Particles
 - B-Solvents
 - C- Metals
 - D- Acid Bases
 - E- Pesticides
4. Measures to control Chemical risks
 - a- Substitution
 - b- Engineering control
 - c- Local Exhaust Ventilation
 - d- General Ventilation
 - e- Housekeeping
 - f- Storage
5. Identification, Classification & Labeling:
 - a- Identification & classification
 - b- How to pass information to users
 - c- Sources of information about hazardous chemicals
 - d- How to classify for a label
 - e- How to compile a label.



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- 6 Chemical Safety Data Sheet
7. Transport and Storage
- 8 Hazard Communication Standards
- 9 Material Safety Data Sheet
10. Samples of Hazards Communication
11. Chemical Hazards Cases.