

Chemical Safety Handling & Emergency Response Plan Training

Course Duration: 1-day; Instructor-led

Time Schedule: 9am-5pm

Lunch: 1:00pm- 2:00pm

Morning Tea-break: 10:30am-10:45am

Afternoon Tea-break: 3:30pm -3:45pm

INTRODUCTION

Safely managing the chemicals in your workplace is good for business and it is good for everyone! It will improve your employees' safety and health. It will potentially introduce cost savings, through more effective work practices such as correct storage, handling, use and disposal procedures. Potential harm to the environment will also be reduced.

Employers must assess the risks to employees while they are at work and to any other people who may be affected by the way we conduct our business. From this, improvements must be implemented, competent people appointed and appropriate information and training made available to them.

Emergency preparedness and response is a process of handling and avoiding risks under special circumstances to save life, protect the environment and prevent property damage. It involves identification and preparation for emergencies before it occurs and actual response during emergencies. Many organizations are equipped with a well-planned Emergency Response Plan.

However, despite the availability of the plan, there are many unforeseen circumstances, which impede practical approach and application of the plan during actual emergencies. A continuous approach of planning, testing and reviewing current emergency response plans is very much required to assure effectiveness of the plans for response during actual emergencies as well as to ensure the intended aim of saving life, protecting and minimizing impacts to environment and property damage can be achieved.

BENEFITS

Upon completion of this program, participants will be able to:

- Understand the requirements of OSHA pertaining to chemicals and hazardous materials handling
- Understand the legal requirement of chemical handling, identification, storage, labelling, handling and disposal
- Implement proper techniques to handle, control and prevent chemical spills
- Understand the important components of an effective emergency response plan

AUDIENCE

Those responsible for hazardous chemical handling, storage, disposal, transportation, OHSAS 18001 process owners/ auditors, Operations and safety personnel

METHODOLOGY

This program is essentially participative. There will be Group Discussion, Presentation, Interactive Session Activities, Site Visit, Actual Case Study and Implementation.

KEY CONTENT

Module 1- Introduction To Safe Handling Of Hazardous Chemical

- Chemical Related Legal Requirement
- USECHH Regulation 2000 (OSHA)
- Class Regulation 2013 (OSHA)

Module 2- Understanding The Chemical Hazards

- Type Of Hazards
- Register Of Chemicals Hazardous To Health
- Health Hazard Due To Chemical Exposure
- Safety Data Sheet
- Hazard Pictograms
- Signal Word

Module 3- Handling Of Chemicals

- Basic Principal Of Prevention
- Purchasing Receiving, Handling And Storage
- Labelling And Re-Labeling

Module 4- Chemical Management Program

- Personal Protective Equipment
- Chemical Spills Control
- Management Of Chemical Control Program
- Emergency Response And Preparedness (Chemical Spillage Control Drill)

Module 5- Emergency Response Preparedness

- Requirements For Emergency Preparedness And Response
- Emergency Preparedness And Response Planning
- Roles And Responsibility Of Personnel During Emergency
- Responding To Fire And Injury Emergencies
- Reviewing And Measuring Effectiveness Of Emergency Response Plans