

**Course Overview:**

This course covers the many effects of safety , health and environmental information to protect industrial institutions and human health.

**Course Objective:**

- Identify Chemical Hazards
- Recognize Chemical Materials by categories
- Read Material Safety Data Sheets
- Follow storage requirements

**Course Outline:**

- Identifying chemical hazards labeling systemcolor code
  - Hazard classes  
FlammableOxidesToxicCorrosiveRadiationBiological
  - Material Safety Data Sheets Hazard  
diamondsStatement of hazard classUN  
NumberDangerous goods classHatchet codeSubsidiary  
risk.The 'walk-through'
  - Measuring hazard Environmental measuresBiological  
measures
  - Evaluating risk
  - Controlling risks Elimination of the riskIsolation of the  
riskMinimizing the riskMonitoring the risk.
  - Hazardous Material Emergency Spill Response
  - Storage Requirements Storage cabinsSafety cansFume  
hoodsRefrigeratorsOther requirements
  - Fire precaution and prevention
- Protective clothing and emergency equipment

**Who Should Attend:**

Anyone working with chemicals, Dangerous Materials and hazardous materials

**Training Language:**

EN / AR

**Training Methodology:**

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation