

**Course Overview:**

This five days training course is to improve mechanical safety skills in the working area. Advanced topics on the mechanical safety work practices are included. The course will covers the evolution of mechanical safety work practices Standards, based on OSHA, NFPA and other international norms.

**Course Objective:**

- Have an overview on the evolution of Mechanical Safety Work Standards and its recent advancements
- Apply advanced Mechanical Safety Work Practices
- Recognize possible hazards in the working areas
- To be highly alert with respect to Mechanical Equipment hazards

Use statistics as a work safety analysis tool

**Course Outline:**

- Introduction To Safety
- General Principles Of Hazard Control
- Machine Hazards
- Machine Safeguarding
- Manual Lifting
- Forklift Safety
- Personal Protective Equipment
- Scaffolding
- Controlling Of Electrical Hazards
- Welding And Cutting
- Compressed Gases
- Fire Safety
- Stairways And Ladders
- Excavations
- Accident/Incident Investigations

**Who Should Attend:**

This course is aimed at Electrical engineers and craftsmen who wish to extend their Mechanical skills. This course includes the dangers of electricity, electrical principles, and relevant electrical legislation and regulations. There is a significant amount of practical exercise on this course involving disconnection and reconnection of various motors

**Training Language:**

EN / AR

**Training Methodology:**

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