

Course Overview:

This five days training course is to improve Electrical & mechanical safety skills in the working area. Advanced topics on the Electrical & mechanical safety work practices are included.

Course Objective:

- Have an overview on the evolution of Electrical & Mechanical Safety Work Standards and its recent advancements
- Apply advanced Electrical & 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
- Handling Material with Safety
- Using Machinery with Safety
- Electrical Safety Standards Evolution
- Electricity and Worker Safety
- Effects of Electric Shock
- Unsafe Voltage and Current Levels
- Lock-out and Tag-out Procedures
- Voltage Sensors and Meters
- Grounds and Grounding
- Personal protective equipment
- Scaffolding
- Controlling of electrical hazards
- Fire safety
- Excavations
- Accident/incident investigations
- Personal Protective Equipment
- Safety Signs, Tags, and Barricades

Who Should Attend:

- Electrical Mechanical staff who require a detailed understanding and proper skills in Electrical & Mechanical Safety Work Practices
- Industrial safety and health personnel
- Erection and Maintenance staff
- Electrical & Mechanical Technicians

Training Language:

EN / AR

Training Methodology:

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