

**Course Overview:**

This highly Basic course is intended for all operators, production technicians involved in operation and maintenance, basic process , and those are responsible for basic mechanical, electrical ,process , operation in different basic aspects of mechanical maintenance or troubleshooting procedures.

**Course Objective:**

- Increase personnel productivity
- Learn the appropriate operation methods.
- Learning the operation limits of the machine
- Establish & describe the maintenance of mechanical equipment
- Understand the different types of maintenance procedures
- Have an overview on the Safety Work Standards and its recent advancements.

**Course Outline:**

- Introduction to Mechanics
- Bearing and Lubrication
- Gear Box (Operation, Maintenance and Troubleshooting)
- Pumps (Operation, Maintenance and Troubleshooting)
- Compressors (Operation, Maintenance and Troubleshooting)
- Hydraulics & Pneumatics System (Operation, Maintenance and Troubleshooting)
- Boilers (Operation, Maintenance and Troubleshooting)
- Occupational Safety

**Who Should Attend:**

- This course is designed for operators, technicians , production, maintenance operators

**Training Language:**

Eng /Ar

**Training Methodology:**

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