

**Course Overview:**

This course offers intensive insight into operation skills life improvement. The participant will gain knowledge in bearing selection, proper bearing lubrication and troubleshooting skills as well as predictive and preventive maintenance of bearings

**Course Objective:**

The course presents a systematic approach to the basics of mechanical operation and troubleshooting.. It first adopts a general approach to the importance of pumps, compressor, turbine, motor and transformer maintenance and its main motives, then it explains what is meant by operation types.

**Course Outline:**

1. SAFETY SUMMARY
2. GENERAL APPROACH
3. PUMP SYSTEM OPERATION
4. COMPRESSOR OPERATION
5. TURBINE OPERATION
6. MOTOR OPERATION
7. TRANSFORMER OPERATION
8. OPERATION AND MAINTENANCE RESPONSIBILITIES

**Who Should Attend:**

1. Electrical, mechanical, and chemical Technicians.
2. Technicians who would like to refresh their knowledge.

**Training Language:**

EN / AR

**Training Methodology:**

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