Course Overview:

Air Compressors are common in almost all industrial systems and applications. Good understanding of the selection, installation, operation and maintenance of these machines helps keeping them running with minimum troubles and shutdown and thereby improving the system reliability.

Course Objective:

- Familiarize the participants with Air compressors.
- Learn the appropriate operation methods.
- Learning the operation limits of the machine
- Learn the importance of lubrication and its methods to Air compressors
- Learn the appropriate methodology of machinery troubleshooting.

Course Outline:

1. INTRODUCTION TO Air COMPRESSORS
2. CLASSIFICATION OF Air COMPRESSORS
3. OPERATION AND CONTROL OF Air COMPRESSORS
4. MAINTENANCE of Air COMPRESSORS
5. BEARINGS
6. LUBRICATION
7. COMMON PROBLEMS IN Air COMPRESSORS.
8. POSITIVE DISPLACEMENT Air COMPRESSORS

Who Should Attend:

Mechanical, operation, and maintenance engineers, technicians who are engaged in or intend to be familiar with rotating equipment systems and their problems are targeted. Also senior staff should update and refresh their knowledge by attending this course.

Training Language:

English

Training Methodology:

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