

**Course Overview:**

This highly relevant course is intended for maintenance and machinery engineers, supervisors, technologists and technicians involved in machinery operation, maintenance, condition monitoring and troubleshooting. Because the methods and examples are generic, personnel from all industries will benefit.

**Course Objective:**

- Define Predictive and Preventive maintenance and differentiate it from other approaches such as run-to-failure and preventive maintenance
- Describe the benefits of Predictive and Preventive maintenance
- Describe how equipment vibration can provide an indication of equipment condition
- Describe how impurities in equipment lubricant can provide an indication of the condition of the components being lubricated
- Describe how trends reflected in equipment records can provide an indication of equipment condition

**Course Outline:**

- Introduction To Maintenance Techniques
- Predictive Maintenance
- Preventive Maintenance
- Techniques and types of predictive and preventive maintenance
- Overall Equipment Efficiency
- Equipment Classification
- Maintenance Planning & Scheduling
- Maintenance of pumps, compressors, turbines, valves and static equipment.
- Planning Shut-Down Maintenance

**Who Should Attend:**

- Anyone who want to update himself on Reliability, Maintenance, Maintenance Contracts
- Anyone who have been assigned the responsibility to develop a maintenance strategy

**Training Language:**

Eng

**Training Methodology:**

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