

Course Overview:

Centrifugal Pumps find extensive use in power plants, water circulation systems, A/C and heating systems, and many other applications. Keeping these machines running with least troubles and shutdown decreases the downtime of the whole system. Right machine selection appropriate to the right application, right machine operation, effective maintenance programs, reliable monitoring system, and skilled personnel capable of doing the right trouble shooting are essential requirements for prolong machine life.

Course Objective:

- Familiarize the Attendees with different types of pumps
- Learn the appropriate operation methods. By learning the operation limits of the machine
- Upgrading the knowledge of problems and solutions for pump.
- Exercising examples of troubleshooting methods
- Highlight the importance of cavitations in pumps
- Highlight the importance of seals and bearings on pumps availability
- Learn the importance and methods of lubrication

Course Outline:

- Introduction To Pumps
- Pumps Classification
- Types And Operation Of Pumps
- Main Parts Of Centrifugal Pump And Function Of Each Part
- Operational Performance Of Pumps
- Operation And Control Of Centrifugal pumps
- Maintenance and troubleshootingOf Centrifugal Pump

Who Should Attend:

Mechanical, Operation, Production, and Maintenance Engineers Senior Technicians should benefit from this course. Also Senior Technicians should update and refresh their knowledge by attending this course.

Training Language:

EN / AR

Training Methodology:

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