PCentrifugal & Reciprocating Pumps & Compressorsation

Date	Venues	($)Fees	Book your seat
30 Jun -04 Jul 2024	London	5500	[Register Now](#)

Course Overview

Pumps and compressors 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. All the above can be achieved via deeper understanding of the machines construction and tolerances, the limits and constrains on their operation, and the more effective controlling methods.

Course Objective

The aim of this course is to enhance the knowledge & skills of the participants in the following topics: characteristics & performance of pumps, selection of pumps, cavitation, hydraulic losses in piping systems & design of piping system will be included

Who Should Attend?

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

Course Outline

- Introduction
- Classification Of Pumps
- Performance Of Centrifugal Pumps
- Performance Axial Flow Pumps
- Performance Of Mixed Flow Pumps
- Selection Of Pumps
- Cavitation
- Piping Systems
- Piping Codes & Standards
- Piping Connections
- Positive Displacement Pumps Classification
- Positive Displacement Pumps Performance & Characteristics
- Positive Displacement Pumps Selection
- Hydraulic Losses In Pipes
- Minor Losses In Pipes
- Performance Of Pressurized Water Piping System

Training Methodology

- Presentation & Slides

- Audio Visual Aids

- Interactive Discussion

- Participatory Exercise

- Action Learning

- Class Activities

- Case Studies

- Workshops

- Simulation

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