

# PUMP & COOLING TOWERS- APPLICATION & MAINTENANCE



## WHO should attend?

- Facilities and maintenance technicians, engineers and managers
- Test, utilities, plant, process, control engineers and managers

## WORKSHOP overview

This course covers both the theories and practical applications of pumps and cooling towers in buildings. The course leader will assist the participants to understand the fundamental theories of water pumps, highlighting the important requirements for proper installations. In the application of the water pumps, different system configurations will be introduced. Emphasis will also be made in the area of energy saving regarding the design and operation of the pumps. This course will also cover the service maintenance of water pumps.

## WORKSHOP objectives

Upon completion of this applications-oriented course, attendees will be able to:

- Describe the operation of a basic cooling water system.
- Describe what occurs in the tower during the cooling process.
- Describe the operation of various types of cooling towers.
- Explain how cooling occurs in a cooling tower
- Describes the general design and operation of natural-draft and mechanical-draft cooling towers: induced-draft towers and forced draft towers.
- Describe the functions of the auxiliary components used with cooling towers.
- Understand typical cooling towers maintenance requirements.
- And more...

## WORKSHOP outline

- Pump theory
- Centrifugal Pumps
- Other types of Pumps
- Pump Installations
- System Back Pressure & Pump Curves
- Application of Pumps in Chilled Water System
- Application of Pumps in Cooling Water Systems
- Energy Saving Strategies in Pumping Systems
- Variable Speed Drive
- And more...

FOR MORE DETAILS, PLEASE CONTACT:

MARKETING SALES DEPT

TEL: 03-5621 3630

FAX: 03-5638 8248

EMAIL: [info@comfori.com](mailto:info@comfori.com)