

# Operation and Maintenance of Pumps Masterclass

*Gather your knowledge on maintenance of pumps through performance indications and procedures and Learn the important details of Pump Operation*

**4th - 6th October 2021**

**E - Learning Course**

## Major Benefits of Attending

By the end of the course, Participants will be able to:

- ENHANCE the knowledge and skills of participating in different types of pumps
- UNDERSTAND Pumps Technology and Performance
- INTERPRET the Function of each Machine Component
- INTRODUCE Startup and Shut Down Procedures of each machine
- DEVELOP attendees Skills and Capabilities in maintaining Different types of Pumps
- FAMILIARIZE the participants with Problem definition, Generating solutions, Enforce solution implementation, and evaluate situations
- IMPROVE the ability of the participants to maintenance and troubleshoot via industrial case stud mainly in pumping system
- DESIGN a Maintenance program (PM, PdM, RCM) for pumping system
- PRACTICE Pumps Troubleshooting and Failure Analysis

## Course Methodology

This 3-day e-Learning Course will be conducted via ZOOM - Webinar / Video Conferencing. Delegates are required to have a working Webcam and Headset with Microphone. For a smooth conferencing, delegates should have an Internet Speed of at least 8Mbps Download and 1.5Mbps Upload Speed.

## Why you Should Attend?

The ease of operation and maintenance of a facility is central to its sustainability and must be given careful consideration in design. Some operation and maintenance issues are location-specific, but urban and rural projects differ fundamentally in the complexity of the technologies involved. In order to maximize the life of your pump, it is crucial to perform the proper periodic maintenance at designated intervals.

This course is designed for engineers and supervisors involved in pumps operation and maintenance. Participants will understand pump technology and performance. This is an intensive course provides understanding of pumps operation, maintenance and overhauling procedures. Through this course, participants will have the opportunity to understand inspection and measurements of pump parts.

## Who Should Attend?

The seminar is specifically designed for:

- ✓ Process Engineers
- ✓ Plant & Facilities Engineers
- ✓ Managers in Maintenance & Operations personnel
- ✓ Mechanical Engineer-In-Training
- ✓ Reliability Engineers
- ✓ Design Engineers
- ✓ Pump Operators
- ✓ Project Engineers Technicians
- ✓ Mechanical Maintenance Technicians
- ✓ Instrumentation and Process Control Technicians

Organized by:



For more details, contact [hello@fdb.sg](mailto:hello@fdb.sg)