



شركة ميرك العربية السعودية
MEIRC Saudi Arabia

PUMPS OPERATION & MAINTENANCE

Duration 5 Days

Introduction

To provide delegates with a good understanding and practical knowledge of the operation and maintenance practices applicable to general pumps and pumping systems

Who Should Attend This seminar is directed towards:

All persons of who will have a requirement to carry out, or to be concerned with, operation and maintenance of pumps and pumping systems

The knowledge gained in this seminar will:

- Enable the delegate to optimize the operation and maintenance of different types of pumps
- Give the delegate confidence to carry out failure analyses on pumps thereby avoiding repetitive failures
- Allow tighter control of maintenance budgets by the avoidance of unplanned equipment failures in service

Course Objectives

The course will ensure that all delegates are able to:

- Knowledgeably describe the types of pumps and their applications
- Demonstrate a good understanding of the operational requirements for pumps and pumping systems
- Knowledgeably describe the maintenance techniques to be used in the fault diagnosis, defect repair and general maintenance of pumps
- Understand the safety requirements and practices applicable to working with pumping equipment

Course Outlines

- Types and applications of pumping equipment in general use industry, include:
 - Positive displacement pumps
 - Centrifugal pumps
 - Other types of pumps
 - Pumping systems, single, series and parallel
 - Driver and driven units
- Operations of pumping equipment, including start-up requirements, running checks, operational testing and shut-down requirements
- Maintenance techniques applicable to different types of pumps
- Condition monitoring of pumping equipment
- Safe working practices