

MECHANICAL COURSES

PUMPS MAINTENANCE AND MECHANICAL SEALS (M68A)

OBJECTIVES:

This Course will enable participants to gain knowledge and skills of Pump Maintenance, Repairs and Overhauling, also Mechanical Seal installation, Inspection and Maintenance.

WHO SHOULD ATTEND?

The Course Is Designed for Plant Maintenance, Operation Staff And Engineers.

COURSE CONTENT:

- Pumps
- Types of centrifugal pumps
- Overhauling centrifugal pumps
- Sealing point in Mechanical Seals

Duration: 5 Days

Date:	Venue:	Cost:
Apr 12-16	Dammam	SR6,000
Oct 18-22	Dammam	SR6,000

PUMP OPERATION and MAINTENANCE (M1B)

OBJECTIVE:

This seminar provides information on the fundamentals of positive displacement and centrifugal pumps, construction, maintenance, inspection, measurements, troubleshooting and installation of pumps in plants.

WHO SHOULD ATTEND?

This seminar is recommended for technicians, supervisors, and engineers working on pump operation and maintenance.

COURSE CONTENT:

- Purpose and Types of Pumps
- Types of Positive Displacement Pumps
- Types of Centrifugal Pumps
- Packing and Mechanical Seals
- Pumps Troubleshooting
- Maintenance of Centrifugal Pumps
- Overhauling of Centrifugal Pumps
- Maintaining Rotary Pumps
- Basic Pumping Concepts

PRACTICAL TASKS:

- Identify types of pumps
- Disassembly, cleaning, inspection, measurement and reassembly of pumps
- How to determine pump failure
- How to calculate the N.P.S.H. available for your pump

Duration: 10 Days

Date:	Venue:	Cost:
Jan 5 – 16	Dammam	SR10,000
Jun 7 – 18	Dammam	SR10,000