

MECHANICAL COURSES

WATER TREATMENT (M25A)

OBJECTIVE:

This course is designed to provide detailed knowledge of the boiler, raw, cooling water treatment.

WHO SHOULD ATTEND?

This course is recommended for anyone involved with the operation & maintenance of water treatment.

COURSE CONTENT:

1. Boiler Water Treatment

- Corrosion
- Scale and Carryover
- Dissolved Gas Removal
- All-Volatile Treatment
- Phosphate Chemistry

2. Raw Water Treatment

- Clarifiers
- Filtration
- Zeolite Softening and Evaporation
- Pressure Filters and Reverse Osmosis Units

3. Ion Exchange

- Resin Exhaustion
- Regeneration
- Degasifiers
- Filter Demineralization

4. Cooling Water Treatment

- Corrosion
- Erosion
- Scale
- Biological Fouling
- Chlorine Injection Systems

Duration: 5 Days

Date:	Venue:	Cost:
Feb 21 – 25	Dammam	SR7,000
Jul 18 – 22	Riyadh	SR 8,000
Dec 19 – 23	Dammam	SR7,000

WASTE WATER TREATMENT (M83A)

OBJECTIVE:

This course is designed to provide knowledge and skill in waste water treatment and how to operate it safely.

WHO SHOULD ATTEND?

This course is recommended for anyone involved with waste water treatment.

COURSE CONTENT:

- Overview of Waste Water Treatment
- Physical Separation of Solids
- Chemical Treatment Process
- Biological Process
- Solid Treatment and Disposal

Duration: 5 Days

Date:	Venue:	Cost:
Feb 14-18	Dammam	SR7,000
Jun 27-Jul 1	Abha	SR 8,000
Oct 24-28	Dammam	SR7,000