

MECHANICAL COURSES

COOLING WATER TREATMENT SYSTEMS (M73A)

OBJECTIVE :

This course provides information on the fundamentals of cooling water treatment and explains in details most of the components of open / close cooling systems in industries and power plants.

WHO SHOULD ATTEND?

This program is recommended for mechanical and operation engineers, supervisors, and technicians who have basic experience about cooling water treatment and who are involved in the water treatment field.

COURSE CONTENT:

- Pretreatment of cooking water system
- Closed recirculating cooling systems
- Open recirculating cooling systems
- Open recirculating cooling systems
- Cooling tower wood deterioration
- Control of wood deterioration
- Wood examination

Duration: 5 Days

Date:	Venue:	Cost:
Apr 25-29	Dammam	SR7,000
Jul 11-15	Dammam	SR7,000
Oct 31-Nov 4	Dammam	SR7,000

CORROSION IN POWER PLANT (M29A)

OBJECTIVE:

This Course is Designed to Provide Insight Into the Problems Caused by the Corrosion At Power Plants In General And Particularly Steam Power Plants

WHO SHOULD ATTEND:

This Is Intended For Power Plant Operators, Maintenance Technicians, Lab Technicians And The Higher Positions Responsible For Corrosion Prevention And Control

COURSE CONTENTS:

1. Electrochemical Cells
2. Forms of Corrosion
 - 1) General Corrosion
 - 2) Galvanic Corrosion
 - 3) Pitting type Corrosion
 - 4) Caustic Embitterment
3. Corrosion Rates
4. Corrosion In Power Plants Systems
Boiler, Fuel System, Lube oil Systems, Turbines, Condensers, Feed water heaters, Cooling water systems, Chemical feed systems
5. Protective Measures
6. Corrosion control
7. Monitoring

Duration: 5 Days

Date:	Venue:	Cost:
Feb 14-18	Dammam	SR7,000
Jul 11-15	Jubail	SR 8,000
Nov 14-18	Dammam	SR7,000