

MECHANICAL COURSES

FLASH EVAPORATION DESALINATION PLANT (M33B)

OBJECTIVE:

This seminar provides information on the fundamentals of desalination plant, including water treatment, brine circuit, operation, shutdown, and troubleshooting.

WHO SHOULD ATTEND?

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

COURSE CONTENT:

- Cooling Water Treatment
- Cooling Pumps
- Desalination Plant
- Start-up Procedures
- Shut-down Procedures
- Functional Checks and Troubleshooting
- Emergency Precautions
- Evaporators and Reverse Osmosis
- Boiler Water Treatment
- Ion Exchange

Duration: 10 Days

Date:	Venue:	Cost:
Mar 14 – 25	Dammam	SR12,000
Jul 25 – Aug 5	Jubail	SR13,000
Dec 12 – 23	Dammam	SR12,000

FUNDAMENTALS OF GAS TURBINE DESIGN and OPERATION (M42AE)

OBJECTIVE:

This course stresses the basic principles of design rather than specific technologies. In addition it provides the participants with enough information for easier operation of Gas Turbines.

WHO SHOULD ATTEND?

This course is suggested for plant engineers and senior technicians who are involved in the field of fundamental of gas turbine design & operation.

COURSE CONTENT:

- The Brayton Cycle
- Combined and Re Generative Cycle
- Major Components Design
- Gas Turbine Accessories
- Principles of Operation
- Efficiency Parameters
- Loss Prevention and Minimisation
- Maintenance Planning
- Gas Fuel RTU Content Variation

Duration: 5 Days

Date:	Venue:	Cost:
Jan 17 – 21	Dammam	SR7,000
Apr 11 – 15	Riyadh	SR 8,000
Aug 15 – 19	Dammam	SR7,000
Nov 15 – 19	Qatar	SR 9,000