

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 1 – 12	Dammam	SR10,000
Aug 16 – 27	Dammam	SR10,000

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 5 – 9	Jubail	SR7,000
Jun 21 – 25	Sharm El-Shaikh	SR8,000
Oct 11 - 15	Qatar	SR8,000