

MECHANICAL COURSES

OPERATION and MAINTENANCE OF HEAT RECOVERY STEAM GENERATOR (M52A)

OBJECTIVE:

This course provides knowledge and skills in the operation and maintenance of heat recovery steam generator (H.R.S.G)

WHO SHOULD ATTEND?

This course is recommended for engineers and supervisors who are involved with the operation and maintenance of (HRSG)

COURSE CONTENT:

- Thermodynamics Basic Concept
- Vapor Power Cycle
- Review of Gas Turbine Operation
- Review of Steam Turbine Operation
- Fault Diagnosis
- Vibration Problems, Turbo-Machinery Equipment

Duration: 5 Days

Date:	Venue:	Cost:
Jan 26 – 30	Dammam	SR6,000
Jun 28 – Jul 2	Dammam	SR6,000

PERFORMANCE and DESIGN OF AIR GAS COMPONENTS and MAINTENANCE OF COMPRESSORS (M60AE)

OBJECTIVE:

To provide the participants with the principles and knowledge of air gas components, design, operation and maintenance.

WHO SHOULD ATTEND?

This course is suggested for supervisors, or mechanical engineers involved with air gas components.

COURSE CONTENT:

- Basic Engineering Thermodynamics
- Types of Compressors
- Factors Affecting Compressors Performance
- Parameters Affecting Compressors Design
- Selection of Compressors
- Safety Control Devices
- Lubrication
- Maintenance of Compressors
- Troubleshooting of Compressors

PRACTICAL TASK:

- Site visit
- DVD'S

Duration: 5 Days

Date:	Venue:	Cost:
Jan 19 – 23	Jubail	SR7,000
Jul 5 – 9	Sharm El-Shaikh	SR8,000
Oct 25 - 29	Qatar	SR8,000