

MECHANICAL COURSES

REFRIGERATION AND AIR CONDITIONING CONTROL (M88A)

OBJECTIVE:

To provide the participants with the principle knowledge of design and maintenance of refrigeration and air conditioning control for various applications.

WHO SHOULD ATTEND?

Engineers and technicians who work in the field of refrigeration and air conditioning control.

COURSE CONTENT:

- Basic elements of control
- Electric motor and controls
- Controls on refrigeration equipment
- Refrigerant flow control
- Pressure regulators-solenoid valves
- Control of water chillers
- Design of control and power circuit
- Control on air conditioning equipment
- Noise control – control of fire and smoke

Duration: 5 Days

Date:	Venue:	Cost:
Feb 16-20	Dammam	SR6,000
Aug 2-6	Dammam	SR6,000

RIGGING (M24A)

OBJECTIVE:

This course is designed to provide knowledge and skill in Rigging, and how to use it safely and properly.

WHO SHOULD ATTEND?

This is recommend for anyone involved with Rigging, cranes and hoist.

COURSE CONTENT:

- Rigging Fundamentals
- Fiber Rope and Knots
- Wire Rope and Chain
- Cranes and Hoists
- Scaffolding and Ladders

PRACTICAL TASKS:

- How to estimate the weight of different volumes
- How to select the correct fiber Rope size and how to knots.
- How to select the correct wire Rope size and chain and its working tensile strength.
- How to use scaffolding and ladders safely.

Duration: 5 Days

Date:	Venue:	Cost:
Jun 14-18	Dammam	SR6,000
Dec 27-31	Dammam	SR6,000