

MECHANICAL COURSES

HVAC (M89A)

OBJECTIVE:

To provide the participants with the principle knowledge of design, select and maintenance of HVAC for various applications.

WHO SHOULD ATTEND?

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

COURSE CONTENT:

- Indoor environmental health
- Duct design
- Comfort air conditioning
- Energy resources
- Thermal storage – control of gaseous
- All water systems
- Air diffusing equipment
- General components: compressors, condensers, cooling towers liquid coolers & pumps
- Applied package equipments

Duration: 5 Days

Date:	Venue:	Cost:
Feb 23-27	Dammam	SR6,000
Aug 9-13	Dammam	SR6,000

HVAC System Controls (M90A)

OBJECTIVE:

To provide the participant 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 resistance elements
- Electric motor and controls
- Controls on refrigeration equipment
- Control and protection methods of system components
- Classification of control circuits
- Control on air conditioning equipment
- Control of room a/c split and packaged units
- Primary control systems
- Varying water flow in chilled water coil

Duration: 5 Days

Date:	Venue:	Cost:
Mar 1-5	Dammam	SR6,000
Aug 16-20	Dammam	SR6,000