

MECHANICAL COURSES

AIR CONDITIONING SYSTEMS: DESIGN AND APPLICATION (M87AE)

OBJECTIVE:

To provide the participants with the principle knowledge of system design and application of air conditioning for various applications.

WHO SHOULD ATTEND?

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

COURSE CONTENT:

- Air conditioning systems selection & design
- All air systems
- Air and water systems
- All water systems
- Unitary refrigerant based systems
- Air handling equipment
- Air diffusing equipment
- Air heating coils
- Applied package equipments
- Applications of air conditioning
- Comfort air conditioning
- Residence – commercial and public building – educational facilities
- Clean spaces
- Industrial and special air conditioning
- Energy resources
- Building operation and maintenance
- General application

Duration: 5 Days

Date:	Venue:	Cost:
Apr 4 – 8	Dammam	SR7,000
Aug 8-12	Abha	SR 8,000
Dec 19-23	Dammam	SR7,000

ADVANCED ALIGNMENT (M48AE)

OBJECTIVE:

This course provides knowledge and skills in performing shaft alignment with new techniques.

WHO SHOULD ATTEND?

This course is recommended for those who are involved with the maintenance, troubleshooting or installation of rotating equipment.

COURSE CONTENT:

- Introduction to Alignment
- Measuring Alignment Techniques
- Alignment Workshop agenda
- Condition Monitoring and Maintenance
- A hand book of Shaft Alignment

Duration: 5 Days

Date:	Venue:	Cost:
Feb 7 – 11	Dammam	SR7,000
Aug 2 – 6	Dammam	SR 9,000
Dec 5 - 9	Dammam	SR7,000