

MECHANICAL COURSES

WELDING PRACTICES, GAS and ARC (M3B)

OBJECTIVE:

This course provides the participant with practical hands-on experience in the gas and arc welding processes.

WHO SHOULD ATTEND?

This course is recommended for technicians working in maintenance or engineers requiring knowledge in gas and arc welding processes.

COURSE CONTENT:

Gas Welding:

- Welding Ferrous Metals
- Welding Non-Ferrous Metals
- Oxygen Cutting
- Brazing and Soldering
- Surfacing Techniques

PRACTICAL TASKS:

- Oxyacetylene welding of plates - mild steel, aluminum, copper and braze welding
- Oxy acetylene cutting

Arc Welding:

- Preheating and post heating
- Welding ferrous metals
- Welding non-ferrous metals
- Pipe welding
- Hard facing and rebuilding
- Tungsten welding techniques

PRACTICAL TASKS:

- Manual arc welding of plates
- Argon arc welding of plates and pipes
- Tungsten arc welding

Duration: 10 Days

Date:	Venue:	Cost:
Jan 10 – 21	Dammam	SR12,000
May 30 – Jun 10	Jubail	SR13,000
Oct 3 – 14	Dammam	SR12,000

WELDING TECHNOLOGY (M28A)

OBJECTIVE:

This course is designed to provide knowledge in symbols for welding, inspection, defects, destructive, and non destructive testing.

WHO SHOULD ATTEND?

This course is recommended for welding technicians, pipe fitter, foremen, and supervisors.

COURSE CONTENT:

- Symbols for Welding
- How to Select Electrodes
- Welding Ferrous Materials
- Welding Defects
- Inspection and Testing

PRACTICAL TASKS:

- High carbon steel welding
- Stainless steel welding
- Aluminum welding
- Copper welding

Duration: 5 Days

Date:	Venue:	Cost:
Mar 21 – 25	Dammam	SR7,000
Jul 18 – 22	Riyadh	SR 8,000
Oct 10 – 14	Dammam	SR7,000
Dec 27 – 31	Oman	SR9,000