

MECHANICAL COURSES

GEAR REDUCERS (M5A)

OBJECTIVE:

This seminar is designed to enable participants to recognize the type of gears and understand basic functions of gearboxes.

WHO SHOULD ATTEND?

This course is recommended for supervisors or technicians working on gearbox maintenance or those requiring knowledge of gearbox functions.

COURSE CONTENT:

- Fundamentals of Gears
- Definition of Gears
- Types of Gears
- Terminology of Gearing
- Open and Closed Gear Drives
- Principles of Gear Reducers
- Types of Gear Reducers
- Lubrication and Preventive Maintenance
- Troubleshooting

PRACTICAL TASKS:

- Identifying various types of gears.
- Measuring of backlash.
- Mechanical inspection of gears.
- How to calculate some important dimensions for a gear

Duration: 5 Days

Date:	Venue:	Cost:
Feb 2 – 6	Dammam	SR6,000
Jul 5 – 9	Dammam	SR6,000

GENERAL SAFETY (M36A)

OBJECTIVE:

This seminar explains in detail, how to follow safety rules and regulations, working safely, using machinery safely, and handling material safely.

WHO SHOULD ATTEND?

This course is recommended for mechanical and electrical technicians, foremen, supervisors, engineers and those who are involved in hazardous areas.

COURSE CONTENT:

- Introduction to Safety
- Recognizing Hazards
- Working Safely
- Handling Materials Safely
- Using Machinery Safely
- Personal Protective Equipment
- Electrical Safety
- Fire Protection
- Other Hazards
- Government Safety Regulations

Duration: 5 Days

Date:	Venue:	Cost:
Mar 22 – 26	Dammam	SR6,000
Oct 11 – 15	Dammam	SR6,000