

MECHANICAL COURSES

SAFE OPERATION OF RIGGING and HEAVY MOBILE EQUIPMENT (M38A)

OBJECTIVE:

This course will explain how to follow safety rules and inspection steps in the operation of rigging heavy equipment safely.

WHO SHOULD ATTEND?

The course is recommended for rigging operators, foremen, and supervisors who are involved in rigging heavy equipment.

COURSE CONTENT:

- Personal Safety Practices
- Field Safety Practices
- Lifting and Rigging Safety
- Inspect Connecting Equipment
- Inspect Adjusting Equipment
- Inspect Hosing Equipment
- Inspect Sling Equipment
- Safe Use of Cranes and Hoist
- Different Types of Cranes
- Different Boom Types

PRACTICAL TASKS:

- Video tapes
- Safety equipment

Duration: 5 Days

Date:	Venue:	Cost:
Apr 5 – 9	Dammam	SR6,000
Oct 25 – 29	Dammam	SR6,000

SHAFT ALIGNMENT and ROTOR BALANCING (M64A)

OBJECTIVE:

This program provides knowledge and skills in shaft alignment and rotor balancing.

WHO SHOULD ATTEND?

This program is recommended for highly qualified engineers and technicians who work in the maintenance field.

COURSE CONTENT:

- What is Alignment
- Alignment Equipment and Methods
- Sources of Vibration Due to Mechanical Balance
- Theory of Imbalance
- Couple Imbalance
- Balancing
- Case Studies

Duration: 5 Days

Date:	Venue:	Cost:
Apr 5 – 9	Dammam	SR6,000
Oct 11 – 15	Dammam	SR6,000