

MECHANICAL COURSES

AUTOMATION MAINTENANCE OF DIESEL FUEL (M72A)

OBJECTIVE :

This course allows the participants to gain full skills, theoretical and practical, of automation maintenance and troubleshooting in diesel fuel .

WHO SHOULD ATTEND?

This program is recommended for mechanical engineers, supervisors, and technicians who have basic experience about Automation Maintenance and need more details of Diesel fuel engines .

COURSE CONTENT:

- Fuel oil treatment & combustion catalyst systems
- Fault analysis in electrical network
- Power system grounding
- Safety grounding methods
- Fuel oil treatment (centrifugal) operation and maintenance

Duration: 5 Days

Date:	Venue:	Cost:
Apr 11-15	Dammam	SR7,000
Jul 18-22	Dammam	SR7,000
Nov 28-Dec 2	Jubail	SR 8,000

BEARINGS and LUBRICATION (M7A)

OBJECTIVE:

This course provides information on the fundamentals of bearing construction, bearing selection, lubrication and types of lubricants. Planned maintenance, inspection and troubleshooting are also covered.

WHO SHOULD ATTEND?

This course is recommended for maintenance technicians, supervisors, and others who are involved with the maintenance of mechanical, electrical and rotating equipment.

COURSE CONTENT:

- Plain Bearings
- Anti -Friction Bearings
- Bearing Maintenance and Troubleshooting
- Principles of Lubrication
- Lubricants Characteristic
- Additives Lubrication Action

PRACTICAL TASKS:

- Identifying different types of bearings.
- Installing and replacing plain journal bearings and antifriction bearings.
- How to calculate the correct time for replacing bearing lubricants.
- How to differentiate between calcium and sodium greases.
- How to select correct type of oil by using tables.

Duration: 5 Days

Date:	Venue:	Cost:
Feb 28–Mar 4	Dammam	SR7,000
Aug 15 – 19	Riyadh	SR 8,000
Dec 5 – 9	Dammam	SR7,000