

MECHANICAL COURSES

DIESEL ENGINE COMPONENTS OPERATION and OVERHAULING (M58A)

OBJECTIVE:

This course will familiarize the participants with diesel components, operation and overhauling.

WHO SHOULD ATTEND?

This course is recommended for anyone involved with diesel operation and overhauling.

COURSE CONTENT:

- Internal Combustion Engine
- Fundamentals of the Diesel Cycle
- Main Engine Components
- The Cylinder Block
- Piston Construction and Terminology
- The connection rod
- Timing Gear and Crankshaft Pulley
- Diesel Engine Speed, Fuel Controls and Protections

PRACTICAL TASKS:

- Disassembly of Diesel Engine Components

Duration: 5 Days

Date:	Venue:	Cost:
Jan 31 – Feb 4	Dammam	SR7,000
Jun 13 – 17	Riyadh	SR 8,000
Dec 26 – 30	Dammam	SR7,000

DIESEL ENGINE MAINTENANCE and DEFECTS (M92A)

OBJECTIVE:

This course will give participants a full knowledge with diesel components, operation and overhauling.

WHO SHOULD ATTEND?

This course is recommended for supervisors or mechanics, technicians working on diesel engine maintenance or those requiring knowledge of diesel engineer.

COURSE CONTENT:

- Engine Types and Classification
- Cooling System Defects
- Lubrication System Defects
- Air System Service
- Turbo Charging System Service
- Cylinder Head Problems Defects
- Cylinder Block Service
- Timing Mechanism Construction
- Fuel Supply System

Duration: 5 Days

Date:	Venue:	Cost:
Mar 7 – 11	Dammam	SR7,000
Aug 8 – 12	Abha	SR 8,000
Nov 21 – 25	Dammam	SR7,000