

MECHANICAL COURSES

LUBRICATION TECHNIQUES (M51A)

OBJECTIVE:

This course provides information on the fundamentals of lubrication and types of lubricants. Lubrication selection and different methods of lubrication are also covered.

WHO SHOULD ATTEND?

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

COURSE CONTENT:

- Practical Aspect of Lubricants and Lubrication
- Lubrication and Additives and Standard Application
- Lubrication Types
- General Purpose Greases
- Special Purpose Greases
- Lubrication frequency (Limits/Criteria)
- Lubrication Selection, Contaminating and Filtering
- Lubrication Systems and Methods
- Automatic Lubrication System Methods

Duration: 5 Days

| Date: | Venue: | Cost: |
|-------------|--------|---------|
| Jan 19 – 23 | Dammam | SR6,000 |
| Jun 21 – 25 | Dammam | SR6,000 |

LUBRICATION TECHNIQUES OF BEARINGS, STEAM TURBINE, AIR COMPRESSORS and GEAR FAILURE (M56A)

OBJECTIVE:

This course is designed to provide knowledge on handling lubrication techniques of bearings, steam turbines and gears.

WHO SHOULD ATTEND?

This course is recommended for mechanical, technicians, supervisors and beginner engineers.

COURSE CONTENT:

- Practical Aspects of Lubricants and Lubrication
- Lubrication Additives
- Lubrication Selection, Contaminating, and Filtering
- Bearing Lubrication
- Steam Turbine Lubrication
- Air Compressor Lubrication
- Gear Failures, Causes, Remedies and Lubrication

PRACTICAL TASKS:

- Samples of Different Types of Oil Lubricant
- Samples of Different Types of Grease Lubricant

Duration: 5 Days

| Date: | Venue: | Cost: |
|-------------|--------|---------|
| Feb 23 – 27 | Dammam | SR6,000 |
| Jul 26 – 30 | Dammam | SR6,000 |