

MECHANICAL COURSES

APPLICATIONS OF HYDRAULIC CONTROL CIRCUITS (M62A)

OBJECTIVE:

This course provides knowledge and skills in the application of hydraulic control circuits

WHO SHOULD ATTEND?

This course is recommended for anyone involved with the operation of hydraulic control circuits

COURSE CONTENT:

- Hydraulic Control Circuits for Machine Tools Industry
- Hydraulic Control Circuits for Construction Equipment Industry
- Hydraulic Control Circuits for Vehicle Industry
- Hydraulic Control Circuits for Heavy Industry Sector
- Hydraulic Control Circuits for Agricultural Machine
- Hydraulic Control Circuits for Lifting and Transport Sector
- Hydraulic Control Circuits for Plastic Manufacturing Machinery
- Hydraulic Control Circuits for High Load Presses.

Duration: 5 Days

| Date: | Venue: | Cost: |
|-------------|--------|----------|
| Jan 17 – 21 | Dammam | SR7,000 |
| May 9 – 13 | Abha | SR 8,000 |
| Oct 10 – 14 | Dammam | SR7,000 |

ADVANCED TURBINE CONTROL and PROTECTION (M59A)

OBJECTIVE:

To provide the participant who works in the field of gas turbines with principle knowledge of components, operation, control, trip limits, troubleshooting and maintenance of different parts of gas turbines.

WHO SHOULD ATTEND?

This course is suggested for anyone working on the gas turbine control and protection.

COURSE CONTENT:

- Give a Simple idea About Turbine Components and its Function
- Thermodynamics
- Gas Dynamics
- Types of Turbines (Shapes, Pressure, Path and Operation)
- Matching of Components
- Control and Protection of Gas Turbine
- Trip Limits
- Maintenance of Turbines
- Moving Blades Ring
- Troubleshooting of Gas Turbine

PRACTICAL TASKS:

- DVD's
- Site visit

Duration: 5 Days

| Date: | Venue: | Cost: |
|-------------|--------|----------|
| Jan 11 – 15 | Oman | SR 9,000 |
| May 2 – 6 | Dammam | SR7,000 |
| Oct 3 – 7 | Dammam | SR7,000 |