

Training and Certification

Enhance your knowledge and experience. Presented by experts

3. Hydraulic and Electro Hydraulic Training – 2 Day Technical Training



Hydraulic System is a transmission system that uses pressurized hydraulic fluid to power hydraulic machinery, a drive technology where a fluid is used to move the energy from an electric motor to an actuator, such as a hydraulic cylinder. The fluid is theoretically incompressible and the fluid path can be flexible in the same way as an electric cable.

Electro Hydraulic system is a hydraulic circuit that can be controlled by electric circuits. In an electro-hydraulic control, the signal control section is made up of electrical components, for example, the proximity switches, and relays.

Hydraulic and Electro Hydraulic Technical Training will give you a better understanding of Hydraulic and Electro Hydraulic principles and practices and help you to perform better on Hydraulic and Electro Hydraulic System designs.

Delivered by Hydraulic and Electro Hydraulic experts. Our technical training course is delivered by electrical engineers whom are experienced experts in Hydraulic and Electro Hydraulic as well as being excellent facilitators.

A choice of delivery option is available to suit your particular needs.

Course Outline

Day One : Introduction of Hydraulic and Electro Hydraulic.

1. Introduction of Hydraulic and Electro Hydraulic system.
2. Hydraulic and Electro Hydraulic System overview
3. Different use between Hydraulic and Electro Hydraulic System
4. Hydraulic and Electro Hydraulic Parts (Sensor, Actuator, Controller, System devices and components)

Day Two : Application of Hydraulic and Electro Hydraulic Project

1. Reversing Circuit, Stroke Valve and Locking Circuit Of “O” Type Function Reversing Valve
2. Locking Circuit of Pilot Operated Check Valve
3. Pressure Regulating Circuit
4. Secondary Pressure Circuit
5. Hydraulic Circuit of Reducing Valve
6. Meter in Throttle Governing Circuit
7. Meter Out Throttle Governing Circuit
8. Flow Valve Short-Connected Speed Changeover Circuit
9. Sequence Action Circuit of Sequence Valve
10. Sequence Action Circuit of Pressure Relay
11. Unloading Circuit of Reversing Valve
12. Secondary Feeding Circuit

Delivery Options

We've delivered Hydraulic and Electro Hydraulic technical training courses to hundreds of users and there are several delivery options.

- 3 days course at our Penang Malaysia Office
- Online Course via Skype