

Training and Certification

Enhance your knowledge and experience. Presented by experts

2.Pneumatic and Electro Pneumatic Training – 2 Day Technical Training



Pneumatic system is a collection of interconnected components using compressed air to do work for automated equipment. The compressed air or pressurized gas is usually filtered and dried to protect the cylinders, actuators, tools and bladders performing the work.

Electro Pneumatic system is a pneumatic circuit that can be controlled by electric circuits. The interface between these two circuits is a solenoid valve. Solenoid valves perform the same function as normal pneumatic valves but there are operated electrically.

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

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

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

Course Outline

Day One : Introduction of Pneumatic and Electro Pneumatic System.

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

Day Two : Application of Pneumatic and Electro Pneumatic Project

1. Reversing circuit of Single Acting Cylinder
2. Reversing circuit of Double Acting Cylinder
3. Single Acting Cylinder speed control circuit
4. Double Acting Cylinder one-way speed governing circuit
5. Double Acting Cylinder bidirectional speed governing circuit
6. OR and AND gate shuttle valve application circuit
7. Double Acting Cylinder synchronous action circuit
8. Quick Exhaust Valve application circuit
9. Secondary Pressure control circuit
10. Relay Controlled Sequence action circuit
11. Pressure Relay control circuit
12. 3/2-way pressure sequence valve control circuit
13. Multicylinder sequence action circuit
14. Cushion circuit
15. Delay Circuit
16. Interlocking Circuit

Delivery Options

We've delivered Pneumatic and Electro Pneumatic 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