

INSTRUMENTATION & ELECTRONIC COURSES

PNEUMATIC CONTROL VALVES, ACTUATORS and POSITIONERS (IE35B)

OBJECTIVE:

This course is to provide the participant with principle knowledge of the main components, operation and maintenance of the pneumatic control system.

WHO SHOULD ATTEND?

Engineers and technician's who work in the field of pneumatic and hydraulic control systems.

COURSE CONTENT:

- Introduction to Fluid Power
- Physical Properties of Hydraulic Oils
- Losses in Valves and Fittings
- History of the Pneumatic and Hydraulic Controls
- Advantages of the Pneumatic and Hydraulic Controls
- Applications of the Pneumatic and Hydraulic Controls
- Pneumatic and Hydraulic Conductors and Fittings
- Theoretical Principles of Pneumatic and Hydraulic Circuits
- Components of Pneumatic and Hydraulic Circuits
- Manual and Electrical Pneumatic and Hydraulic Circuits.
- Pneumatic and Hydraulic Actuators
- Positional Control
- Pressure Measurements
- Pneumatic and Hydraulic Symbols
- Pneumatic and Hydraulic Control Valves, (Directional, Pressure and Flow Control Valves)

[PNEUMATIC CONTROL VALVES, ACTUATORS AND POSITIONERS \(CONTD.\)](#)

Duration: 10 Days

Date:	Venue:	Cost:
Mar 1 – 12	Dammam	SR10,000
Jul 5 – 16	Dammam	SR10,000