



## Short-term Course

### **Pneumatic Controls – Basic Level**

Fluidsys Training Centre Pvt Ltd., Bangalore is proud to present the course on 'Pneumatic Controls – Basic Level'.

#### Duration

5 days

#### Timing

Regular course:

Monday to Friday (From 9.30 am to 4.30 pm)

For a weekend or evening or online course, please contact us.

#### Eligibility

Anybody with a technically-inclined mind and who wants to upgrade his/her knowledge and skill in the field of pneumatics.

#### Course Outline

The course is designed to provide an introduction to pneumatic systems. It covers the functions, symbols, types, parameters, relations, advantages, disadvantages, performance characteristics, and specifications of pneumatic components. Typical pneumatic circuits are developed and simulated using a software package. This step is followed by practical using trainer kits to apply and reinforce the principles and concepts of pneumatics just learned.

#### Course coverage

##### **Components | Circuits | Maintenance**

Generation and conditioning of compressed air, compressors, aftercoolers, filters, dryers, conductors, FRL, Actuators (Cylinders & rotary actuators), Directional control valves, Symbols as per ISO 1219, Flow control valves, Concepts of automation, Implementation of semi-automation and complete automation, Logic controls, Pneumatic timers, Pneumatic counters, Pressure sequence valve, and Maintenance, troubleshooting and safety aspects of pneumatic systems.

#### Course Fee (2022-23)

Rs. 8000/- + Rs. 1440/- (GST) = **Rs. 9440/-**

#### Intake

Limited seats

#### Training Methodology and Resources

This is a classroom-based and practical-oriented course delivered with the help of good infrastructure facilities and expert faculty. Course material, workbook, and other resources required for the training are provided. The trainees should be able to identify the pneumatic system components and be able to describe the expected function of those components.

#### Faculty

The main faculty for the course is Mr Joji Parambath. He has vast experience in vocational training, for over 25 years. He has authored 37 books on pneumatics and hydraulics, so far. For more details, please visit <https://jojibooks.com>.

#### Assessment

The performance of trainees is continually assessed through tests and assignments.

#### Certification

Fluidsys Training Centre Pvt Ltd., Bangalore provides a certificate on the successful completion of the course.

#### Who Should Attend This Course?

This course is suited to professionals in the industry and faculty & students in engineering institutions. Plant managers, maintenance technicians/engineers, design engineers, assembly & test technicians, or anyone responsible for, or works on hydraulic systems or machines.

**Sign Up Today!**

**Upgrade your Knowledge and Skill!!!**

*Note: Fluidsys reserves the right to alter the duration, timing, course coverage, fees, or other conditions of the course without assigning any reason.*