



# Industrial Pneumatics Maintenance and Trouble-Shooting

## Overview:

In recognition of the demand for advanced skills levels within this industry sector

This Training Program is to present customised pneumatic training.

Training has designed to improve specific skill sets ranging from basic through to advanced levels. This course provides maintenance, purchase and production personnel etc. with the skills and knowledge necessary to carry out their tasks on pneumatic and electro-pneumatic systems.

## Methodology:

- An Instructor Led Training with Interactive method, assisted by hand-out & slides.
- Animation and Power point presentation with lecturer's explanations.
- Suitable hand-out prepared shall assist in participant's understanding.

## Who should attend?

- Design and R &D engineers
- Maintenance engineers
- Application and Sales engineers
- Supervisors and Technicians
- Pneumatic components-Dealers/Manufacturer

## Benefits Expected:

- can identify and describe the design, features and operation of pneumatic components
- can identify and explain symbols for pneumatic components
- can read and interpret pneumatic circuit diagrams
- can interpret technical specifications and data relating to pneumatic components
- knows the fundamentals of compressed air generation and preparation

## Course Content:

- Objectives of low cost automation
- Basic principles of compressed air supply, production, preparation and distribution
- Power section devices (Linear and rotary actuators)
- Use of directional control valve, flow control, pressure and time control valves and sensors
- Structure and function of pneumatic devices and valves
- Basic logic functions and their application
- Symbolic representation of devices and standards (ISO 1219)
- Systematic design of circuit diagrams
- Reading pneumatic circuit diagrams
- Operating modes in pneumatic control systems
- Safety regulations and valid industrial standards
- Typical industrial circuits
- Identifying and eliminating faults



## Facilitator : Mr. C. Selvaraj.

Mr.C.Selvaraj is a professional Trainer, having 35 years of rich experience in Training of Engineers, Supervisors and Craftsmen in hydraulic and pneumatic operated machinery Maintenance, Trouble-shooting and Utility Machineries like Pumps, Compressors, Boilers, Chillers and HVAC Systems etc.

Profile: Qualified mechanical Engineer & Trainer with A.M.I (Mech), P.G.Dip. I.S.T.D. (Indian Society for Training and Development).

He has shaped his carrier to Industrial Trainer By serving in leading industries:

MRF Tyres - 11 Years. Manager Maintenance. JK Tyres – 5 Years. Manager Training, Fenner India – 2 Years. Manager Maintenance & Norton Intec Tubes - 8 years. Plant Manager.

## TRAINING PROGRAMME FEE :

**Rs. 3000/-per participant + 18% GST.**

**GSTIN : 33AFKPG7543M1Z5 SAC CODE : 999293 (Commercial Training and Coaching Services)**

**It Covers course Material, grand buffet Non veg. Lunch & refreshment**

**Cheque / DD drawn in favour of "Maxwell Centre for Industrial Training and Development".**

## Date and Time:

18th December 2018

Tuesday

9 am - 5 pm



## Venue:

JP Hotel Chennai

Jawaharlal Nehru Rd, Koyambedu

Porur, Chennai-600 107.

## For registration contact:

U. Mahalakshmi, Training Coordinator

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