

BASIC INDUSTRIAL PNEUMATICS

Introduction:

The programme has been designed for delegates with little or no experience of pneumatics and is moving into the maintenance of pneumatic equipment.

Objective:

To familiarise maintenance technicians with the principles of pneumatic control, the function of valves and actuators and provide an introduction to associated basic logic.

Programme Synopsis:

- Theory of compressed air, related to maintenance requirements
- Safe working practices
- Practical component handling
- Compressors, dryers, coolers, receivers and pipes
- Servicing units (filters, regulators and lubricators)
- Diagrammatical symbols (CETOP, ISO and BS2917)
- Double acting cylinders – recognition
- Valves 2-2, 3-2, 4-2 & 5-2
- Speed control
- 'OR' Gates (Shuttle valve)
- 'AND' Gates (Two pressure valves)
- Basic sequence control & logic
- Using circuit diagrams

Duration: Three (3) Days

Course Code: TSCBIP

Certification: Training Solutions 2000