

MECHANICAL PNEUMATICS



Course Objectives

To enable the course candidates to:

- Understand pneumatic system layouts
- Identify a range of pneumatic components
- Interpret drawings and build pneumatic circuits in a safe manner
- Make all necessary adjustments and carry out basic fault finding

Designed For

- Fitters
- Electricians
- Plant operatives with little or no experience of working on pneumatic systems

Course Content

- Health and safety relating to Pneumatics
- Compressed air production and conditioning
- Air service units
- Units of pressure and force
- Principles of pneumatic force
- Consumption of compressed air
- Interpretation of pneumatic drawings and symbols
- Pneumatic actuators
- Directional valves 2/3 3/2 4/2 5/2 5/3 and shut off
- Flow control Meter in, Meter out
- Building pneumatic circuits on training rig
- Basic circuit design
- Basic fault finding and diagnosis

Location:

NLT Training or employers premises if suitable

Duration:

5 Days

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