



# Introduction to Pneumatics

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## **COURSE CONTENT**

### **Aim**

The aim of the course is familiarise delegates with the capabilities and potential application of pneumatic systems

### **Pre-requisite**

The course has no pre-requisites however; it has been designed with engineering personnel in mind.

### **Course Duration**

The course will be of five day's duration or a period to suit the client's needs.

### **Optimum Number**

The optimum number of persons on this course will be six.

### **Training Aids**

Lecture notes, manuals, videos, and overhead projections.

### **Assessment**

There is no formal assessment for the course.

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## **COURSE SYLLABUS**

- Introduction to pneumatics
- Compressed air theory
- Production and distribution
- Air preparation (filters, regulators and lubricators)
- Cylinder (single and double acting, rotary and special)
- Valve port identification
- Circuit layout
- Logic functions
- Cylinder speed control
- Pneumatic timers, delay and impulse
- Multi cylinder circuits
- "Locked on" signals

**Dates available on request**

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