

HANDS-ON pneumatics

Hands-On Pneumatics

2-DAY
TRAINING

Training Description:

This powerful interactive training program is designed to give a broad-based understanding of the most important pneumatic concepts. This program will introduce students to the real-world of pneumatic and electro-pneumatic control and power transmission. The state-of-the-art pneumatic training aids we use are designed to allow the student to reinforce the lessons presented by applying standard industrial pneumatic components in at least 18 hands-on exercises. All the hands-on exercises illustrate real-world applications that can be, and are, used on much industrial automated equipment. With this knowledge and practical training students should be able to successfully install, maintain, and troubleshoot pneumatic systems and components.

Training Benefits:

- Increase knowledge of basic components & how they work.
- Better communication with outside contractors.
- Save money by reducing costly downtime.
- Get the hands-on experience.

Prerequisite: None
Standard Class Size: Up to 14
Program Length: 18 hours
CEU s: 1.8

Training Topics:

- Basic Physics
- Compressors
- Flow and Pressure
- Bernoulli's Principle
- Pressure Regulators
- Power and Control Valves
- Cylinder Types
- Air Preparation
- Check, Shuttle, and Pulse Valves
- Gauges and Flow Meters
- Vacuum Generation and Applications
- Understanding and Reading Schematics
- Miscellaneous Valves
- Pneumatic Automation

CLASS DISCUSSION AND REVIEW

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