

Course Overview:

The purpose of this unit is to introduce trainees to the components, Operation and Maintenance, of pneumatic systems. After completing this unit, trainees should understand the basic principles of how pneumatic systems work. They should also be able to describe the basic components and operation of common types of vane motors, gear motors, piston motors, and partial rotation actuators.

Course Objective:

- Explain the basic principles of pneumatic system operation
- Identify the basic components of a typical pneumatic system
- Describe the general operation of a typical pneumatic system
- Describe the basic components and operation of a vane motor
- Explain what a balanced vane motor

Course Outline:

- Principles Of Pneumatic Systems
- System Components
- Directional Control Valves
- Control Systems
- Pneumatic Actuators And Motors
- Operator Responsibilities
- Basic Components And Operation Of A Actuator
- Basic Components And Operation Of A Motors

Who Should Attend:

Mechanical, Operation, Production, and Maintenance Engineers and Technicians should benefit from this course. Also Senior Technicians should update and refresh their knowledge by attending this course.

Training Language:

Eng

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation