



## 26- نظم التحكم في الانظمة النيوماتية والكهربونيوماتية

### Pneumatic and electropneumatic Systems Control

<u>Course Duration</u>	<u>Target Audience</u>	<u>Language</u>	<u>No.Trainees</u>
hours .. ٥٠	Engineers and technicians	English	١٢:٢٤

#### Content

- Flow chart of pneumatic system
- Studying the air service unit
- Characteristics electro pneumatic circuits
- Applications of pneumatic and electro pneumatic circuits
- Use of logic gates in pneumatic and electro pneumatic circuits in industrial applications
- Use of timers with different types in pneumatic and electro pneumatic circuits
- Assembly and commissioning of control circuits, including fault-finding
- Execute different industrial applications

#### Objective

- Introduction to the pneumatic system
- Flow chart of pneumatic system
- Characteristics and applications of pneumatic systems
- Characteristics and applications of electro-pneumatic systems
- Drawing pneumatic and electro-pneumatic circuit diagrams
- Using logic gates, timers and counters
- Assembly and commissioning of control circuits, including fault-finding
- Execute industrial applications

#### Prerequisites

Engineers and technicians in mechanical, electrical and mechatronics departments