

Process Instrumentation- Pressure, Temperature and Positioners (PI-PTP)

Short Description

Process Instrumentation- Pressure, Temperature and Positioners

Objectives

Combining hands-on tutorials with theory sessions, this course teaches participants the principles of field instrumentation, including pressure and temperature measurement, and electro-pneumatic and ultrasonic technologies. Working with the PI product portfolio, students gain an understanding of common applications, troubleshooting, customer requirements, and how to select a suitable product.

Target Group

Service personnel and customers using process instruments.

Content

1. Pressure

- a. Introduction to pressure principles and technology
- b. Pressure terminology
- c. Programming
- d. Common applications
- e. Maintenance and troubleshooting

2. Temperature

- a. Theory
- b. Transmitter design
- c. Programming temperature diagnostics

3. Valve Positioners

- a. Introduction to Valve positioners
- b. Valve positioner technology
- c. Programming and initialization
- d. Applications

Prerequisites

Basic knowledge on plant instrumentation.

Type

Face-to-face training

Duration

3 days

Language

en

Fee

12,652 ZAR