

PROCESS INSTRUMENTATION - Flow Technology (PI-FLW)

Short Description

PROCESS INSTRUMENTATION - Flow Technology

Objectives

This course gives participants a comprehensive overview of several flow measurement technologies using coriolis mass flow, electromagnetic volume flow, Vortex flow measurement and ultrasonic flow technologies.

Target Group

This course is for service personnel and customers unfamiliar with flow meter technologies and the proper use of these process instruments

Content

1. Introduction to flow measurement and why it is a critical process variable.
2. Theory, history, and terminology
3. Flow markets and key applications
4. Working principles, installation, commissioning, common errors, and unique selling points of:
 - a. Coriolis MASSFLO flow meters
 - b. Electromagnetic flow meters
 - c. Vortex flow meter
5. Product selection by application
6. Installation guidelines
7. Hands-on exercises on each type of technology presented

Prerequisites

Basic knowledge on flow

Type

Face-to-face training

Duration

3 days

Language

en

Fee

12,652 ZAR