**Process Control Instrumentation**

**Course Objectives:**

* Understanding the Process Control Instrumentation & inter-conversion of units.
* Identify the terminologies used for selecting devices in instrumentation.
* Operate & describe various pressure measuring instruments & basic terms related to pressure.
* Operate & describe various level measuring instruments & basic terms related to level.
* Operate & describe various temperature measuring instruments & basic terms related to temperature.
* Operate & describe various flow measuring instruments & basic terms related to flow.

**Course Outlines:**

* Introduction to process measurement, Pressure measurement (pressure gauges, bourdon tube gauges, pressure switches, pressure transducers, pressure calibration standards& pressure transmitters (pneumatic & electronics), Flow measurements (rate & quantity of flow, laminar, transient & turbulent flow & orifice plate & venturi differential pressure transmitter), Temperature measurements (temperature units & scales, thermometers & bimetal thermometers, thermocouples & resistance temp. detectors (RTD) & Wheatstone bridge), Level measurements (direct & indirect methods), Purged air system, Float & displacer, Capacitor method & Radar & ultrasonic methods.

**Who Should Attend?**

* Engineers & technicians with 2 years of experience.

**Duration:** 5 Days

**For more information:**

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