

**Course Overview:**

A greater understanding of the measuring equipment can improve the performance of the operator and this in turn will improve plant performance. Better knowledge of how equipment is selected and how it is constructed and how it works also helps an operator to identify the cause of problems and prevent their recurrence. Hence, the economic benefits of properly trained and informed operators can be readily quantified.

**Course Objective:**

To describe the advanced principles behind the advanced of selection, construction and operation of process control equipment.

**Course Outline:**

- Electrical measurement instruments
- Ammeters, voltmeters, and wattmeters
- Flow measurement
- Level measurement
- Temperature measurement
- Resistance measurement
- Multimeters
- Control

**Who Should Attend:**

All those working on process plants that are familiar with the general purpose of process measuring instruments and control equipment.

**Training Language:**

EN / AR

**Training Methodology:**

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