

COURSE TITLE :
BASIC INSTRUMENTS CALIBRATION

COURSE OVERVIEW/COURSE BRIEF

This course is designed to provide participants with the knowledge of function and application of various industrial instruments and equipment. Participants will be introduced to the theory of calibration technique and will experience the practical of calibrating the various instruments with the correct techniques and procedures used in the industries. ISA and ISO calibration technique will be used as reference for hands-on activities.

COURSE OBJECTIVES

Upon completion of this course, participants will be able to :

- Describe the principle and proper calibration procedure.
- Perform the calibration technique for various industrial instruments.

THE UNIQUENESS OF THIS COURSE

- Use of authentic industrial equipment and instrument and UUT in practicals.
- Calibration techniques performed using various industry equipment
- Exposure to the ISA and ISO Calibration Standards.
- Industry-experienced trainers

WHO SHOULD ATTEND

This course is designed for those related to the area of instrumentation as well as in education line. Target Group: Engineers, Technicians, Lecturers and Technical Teachers.

KEY TOPICS

- ▶ Calibration Standard Procedure
- ▶ Temperature & Pressure Measurement
- ▶ Calibration of Pressure Instruments
- ▶ Calibration of Thermocouples
- ▶ Resistance Temperature Detector
- ▶ Unit Under Test Calibration

METHODOLOGY

Lectures and practical exercises

COURSE DURATION

5 Days /40 Hours

PRE-REQUISITE

- Basic Electrical, Electronics
- Process Control and Instrumentation.

CERTIFICATION

Certificate of attendance will be issued to those who fulfill 80% of attendance.