
TEMPERATURE AND PRESSURE TRAINING

TRAINING COURSE OUTLINE

COURSE SUMMARY

The Temperature Measurement course covers principles, sensors, techniques, applications, and maintenance of temperature devices. The Pressure Measurement course focuses on pressure measurement principles, types, technologies, sensor selection, and maintenance.

By the end of the training, participants will effectively measure, maintain, and troubleshoot temperature and pressure devices in industrial environments.

COURSE OBJECTIVES

- Understand the principles of temperature measurement
- Identify temperature and pressure sensors and transmitters
- Know the various temperature measuring techniques and devices
- Be able to select temperature sensors for an application
- Know the different thermocouple types and their applications
- Know RTDs and their applications.
- Know the various types of thermowells and their application
- Maintain and troubleshoot temperature measurement devices
- Know the calibration requirements of temperature measuring devices

COURSE OUTLINE

- Introduction
- Temperature measuring techniques
- Types of temperature transportation
- Temperature measurement principles
- Temperature measuring devices
- Temperature sensor selection
- KOBOLD TSR temperature probe
- KOBOLD TUM-SW