

Flow Measurement and Orifice Calculations Z IPC-14

Duration

Three days 18 Hours

Who should attend?

Any engineer with instruments control, electrical, process or chemical engineering background can attend this course.

Language

Arabic , English

Overview

To give the participant the necessary technical background to select the proper type of flow measuring instrument and how to install and maintain it.

Topics

- Flow rate meters :
- Differential pressure “orifice meter”
- Variable area flow meter “rot meter”
- Turbine flow meter.
- Magnetic flow meter.
- Total flow meters :
- Positive displacement meters
- Vortex flow meters
- Understand how to calculate the actual flow
- Understand function and tuning of flow controller
- Perform calibration and periodic service of flow transmitter
- Perform service and calibration of flow turbine meter
- Perform service and calibration of positive displacement meter

