



## Objectives

This course covers the configuration and in depth setup procedures for Foundation Fieldbus using tools provided by Yokogawa and third party software. Participants will learn how to use the Yokogawa configuration tools and learn about the Foundation Fieldbus standard, its issues and functionality. The course includes hands-on workshops and exercises using Yokogawa and industry standard instrumentation, Yokogawa PRM, National Instruments monitor and configurator

## Who should attend?

Instrument technicians and engineers involved in the design, installation and operation of Foundation Fieldbus networks.

## Prerequisite knowledge

Participants should have an understanding of DCS and instrumentation. They should have completed the Foundation Fieldbus Fundamentals and Foundation Fieldbus Engineering courses.

## Programme

### Day 1:

- § Active, passive, intrinsically safe equipment, redundancy
- § Important variables and how to obtain
- § Preparation of field devices
- § Tag name, address, device class, device ID
- § Interconnectivity and integration
- § Diagnostic and maintenance tools DMT, PRM, Device panel; NI monitor and configurator
- § Integration of field devices with host
- § Fieldbus builder, add devices, change out

### Day 2:

- § Host system operation
- § Interoperability HIST procedure
- § Calibration valve navi, DD menu
- § PRM plug & play, device viewer, linked documents, DD-menu
- § Exercises

## Duration

2 days