



Objectives

This course covers the configuration and general setup procedures for the Plant Resource Management (PRM) system. Participants will learn how to use the PRM for efficiently managing and maintaining HART and/or Foundation Fieldbus devices. The course includes hands-on workshops and exercises using the different devices types.

Who should attend?

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

Prerequisite knowledge

Participants should have knowledge of DCS and have completed the Foundation Fieldbus Fundamentals course.

Programme

Day 1:

- § Introduction to PRM functionality
- § Device path configuration
- § Plant hierarchy definition
- § Adding devices off-line
- § Using PRM templates
- § Exercises/workshop

Day 2:

- § Handling device parameters
- § Mechanism behind device patrol
- § Maintaining device alarms
- § Device Description (DD) files and Device Type Manager (DTM) functionality
- § Exercises/workshop

Day 3:

- § User functions such as inspection memo, calibration management etc
- § Adding device documentation to devices for easier support
- § Creation of documentation templates
- § Device replacement procedure
- § Exercises/workshop

Day 4:

- § Diagnostic applications
- § PRM system management and security
- § Tools & troubleshooting
- § Evaluation

Duration

4 days