
COURSE DESCRIPTION

CHP431

System 800xA for P13/42

Course goal

The course goal is to teach the students how to install, configure and operate the Extended Automation System 800xA in the field of Power Generation applications, based on Procontrol P13/42.

Main learning objectives

The participants will be able to:

- Describe architecture and basic configuration of system
- Follow the setup of displays and faceplates, navigate within different views, structures and layouts
- Handle displays, trends, event and alarm lists
- Start and configure the system
- Setup events, alarms and trends
- Backup and restore the system
- Handle Graphics Builder and draw new displays from scratch

Participant profile

System engineers, operators as well as commissioning and maintenance personnel.

Prerequisites

Basic knowledge of automation and computer technology, particularly Microsoft Windows. Knowledge of Procontrol P13/42

Topics

- Network Definitions, Plant Layout, Server/Client, Aspect Server, Connectivity Server
- Different Workplaces, Display Navigation, Standard Displays
- Process Objects, Faceplates
- Graphics Builder
- OPC Connection to P13/42

- Event and Alarm Handling, Trends Handling, System Status Viewer
- Navigation, Search Tool, Tooltip and on-line help, Help and Documentation
- Export, Import, Backup and Restore

Course type

This is a face to face class room training with maximum 8 participants.

Learning methods and tools

Lectures, demonstrations, practical exercises and approx. 60% of the course is hands-on activities. **Laptop** or tablet is required to have access to the e-documentation.

Duration

4 days

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