COURSE DESCRIPTION

CHP433
Procontrol P13/42 Basics and Application

Course goal
The course goal is to prepare students for maintenance and application of P13/42 in the field of Plant Automation Applications.

Main learning objectives
The participants will be able to:
— Describe architecture and configuration of system
— Outline input, output and processing functions
— Use Function blocks and documentation
— Trace signals and interpret system messages
— Configure, implement and test applications
— Use of low level service tool
— Function Blocks: basic functions, multifunctions
— Application example: generation and loading programs
— Application of low level engineering tool
— Documentation: designation system, documentation concept, signal tracing

Participant profile
Maintenance, service, application, system and process engineers.

Prerequisites
Knowledge on plant automation and control systems
Basic knowledge of plant processes

Topics
— Basics of PROCONTROL P
— Overview, structure, components, technical terms, arrangement, power supply
— Local Bus System: data flow, telegrams, components
— Input and Output Modules: functions, applications
— Processing and Drive Control Modules: functions, applications
— Intraplant Bus System: data flow, telegrams, components
— Local bus coupling modules with standardized serial interface, data transmission
— Lecture, demonstrations, practical exercises
— Hands-on activities. Laptop or tablet is required to have access to the e-documentation.

Course type
This is a face to face class room training with maximum 6 participants.

Duration
5 days

To Register:
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The latest version of the course portfolio, and course schedule can be found on our Learning Center Webpage