

CE HC900 CONTROLLER CONFIGURATION AND CONTROL STRATEGY IMPLEMENTATION

| Honeywell PMC Academy

COURSE OVERVIEW

This course offers hands-on training in configuring the HC900 Controller and implementing control strategies.

Participants learn hardware setup, communication protocols, diagnostics, and SCADA integration. It covers both basic and advanced function blocks for effective process control.

By the end of the course, participants will confidently configure HC900 systems and develop control strategies. They gain practical skills in programming, troubleshooting, and integrating with SCADA platforms. This training enhances operational efficiency and system reliability in industrial environments.

COURSE DURATION

3 Days

TARGET AUDIENCE

Process Engineers

HANDS-ON TRAINING

Hands-on Training will be arranged during the session.

CERTIFICATE

Participants certification will be issued at the end of the course.

KEY LEARNING OBJECTIVES

Participants will learn to:

- Hardware Overview
- Hybrid Control Designer Overview
- Installation and Controller Configuration
 - ✓ PC and Controller Port settings
 - ✓ Controller Utility Functions
 - ✓ Setting controller Mode, Serial Port
 - ✓ Download and upload the configurations
- Peer to Peer Communication
- Modbus Communication
 - ✓ Serial (Modbus Slave)
 - ✓ TCP/IP (Modbus Master /Slave)
 - ✓ Profibus devices communication through gateway
- Programming Objects
- Programming using Function blocks
- Alarm Configuration
- Basic Function Blocks Overview
 - ✓ IO / PID / Basic Blocks
- Advanced Function Blocks Overview
 - ✓ SP Programmer
 - ✓ Recipe
 - ✓ Sequencer
 - ✓ Monitor Blocks
- HC900 Diagnostics
 - ✓ Diagnostic Via Indication
 - ✓ Diagnostic Via Tools
- SCADA Integration with Experion

For more information
Honeywell PMC Academy

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