Honeywell EPKS C300 DCS Training

COURSE CONTENT

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

The Honeywell EPKS C300 DCS training offers in-depth knowledge and hands-on experience in managing, configuring, and maintaining Honeywell's advanced Distributed Control System (DCS). This course is designed for engineers, technicians, and control system professionals aiming to enhance their proficiency in process control and automation.

Module 1: Overview of DCS

- ✓ Introduction of Honeywell
- ✓ Introduction about Honeywell C300 H/W
- ✓ Introduction about Honeywell C300 S/W
- ✓ Explanation about Hardware & Software Communication
- ✓ Explanation about Third-party Communication
- ✓ How to Start & Stop the Server
- ✓ Explanation about Asset Creation
- ✓ License Loading
- ✓ Opening Configuration Studio & Explanation
- ✓ Loading CPU & Interface Modules in Software
- ✓ Creating Logic Gate using DI & DO
- ✓ Creating Alarm for DI & DO
- ✓ Creating Analog I/O's & Assigning to Module
- ✓ Creating Alarm for Analog Logics
- ✓ Developing an Open Loop logic
- ✓ Developing a Closed Loop logic

Module 2: Explanation about PID & Uses

- ✓ Implementation of PID Logic
- ✓ Creating Alarm & Trend for PID
- ✓ Explanation about Cascade and Uses
- ✓ Implementation of Cascade Logic
- ✓ Creating Alarm & Trend for Cascade Logics
- ✓ Explanation about HMI Web Builder
- ✓ Creating Graphics in HMI Web Builder
- ✓ Creating Face Plate for PID & Cascade Logic
- ✓ Developing Graphics for PID & Cascade

Module 3: Explanation about Splitter & Uses

- ✓ Implementation of Splitter
- ✓ Creating Alarm & Trend for Splitter
- ✓ Creating Face Plate for Splitter
- ✓ Developing Graphics for Splitter
- ✓ Explanation about Totalizer
- ✓ Implementation of Totalizer
- ✓ Creating Alarm & Trend for Totalizer
- ✓ Creating Face Plate for Totalizer
- ✓ Developing Graphics for Totalizer

Module 4: Explanation about Device (Motor & Valve) Control Block

- ✓ Implementation of Device Control Block
- ✓ Creating Faceplate for Device Control Block
- ✓ Creating Alarm & Trend for Device Control Block
- ✓ Developing Graphics for Device Control Block
- ✓ Explanation and Implementation of Interlocks
- ✓ Explanation about SFC
- ✓ Implementation of SFC
- ✓ Creating Graphics for SFC
- ✓ Creating Alarm & Trend for SFC

Module 5: Explanation about LOG Configuration

- ✓ Executing LOG Configuration
- ✓ Creating & Executing - Operator Station
- ✓ Backup & Restore of Project
- ✓ Q & A