SIEMENS

SINAMICS G120 Basic - TIA Portal Startdrive (US-DVGPTM1A)

Type

Instructor-led Learning

Duration and Continuing Education Units (CEU)

2.5 Days
1.6 CEUs

Target Group

- Maintenance Technicians

Objectives

- Utilize G120 Architecture to troubleshoot Hardware Modules
- Troubleshoot the Power Electronics
- Operate the Drive via BOP-2 and/or IOP Operator Panels
- Perform Basic Commissioning and Set Up via BOP-2 and/or IOP
- Backup and Restore the Operating Program via Memory Card and OPs
- Establish communication with the TIA Portal Startdrive
- Upload, Archive, and Restore G120 Configuration via Startdrive
- Control Drive via Startdrive Control Panel
- Trace Signals within the G120 configuration utilizing BICO technology
- Modify/Trace Command and Setpoint sources
- Troubleshoot Drive via LEDs, Operator Panels, and Startdrive
- Use the Diagnostic Fault and Warning Buffer to troubleshoot the system
- Install or Replace Drive System Components

Content

- Introduction to SINAMICS G120 Drives
- Set up, Operation, and Data Backup via Operator Panels
- The Totally Integrated Automation Portal
- TIA Portal - Startdrive
- G120 Data Backup
- BICO Technology
- G120 Diagnostics
- Obtaining Technical Support/Additional Training

Recommended Prerequisites

quickSTEP Basics of AC Drives: SSC-QS-2020

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Language

English

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