



Test: Siemens Certified Service Technician Level 2 in the TIA Portal / 西门子自动化维护工程师认证考试 (基于TIA博途) (A7812CP)

Objectives

The practical assessment includes the commissioning of the hardware of S7-1500 PLC, a simple PLC program and the components of Totally Integrated Automation and the expansion of this PLC program. After passing the examination successfully you will receive a recognized certificate that attests your specialist knowledge.

Target Group

Service personnel, Maintenance personnel

Content

- Service SIMATIC controller
 - Systematic troubleshooting in a complex automation system
 - Error/fault evaluation and handling using software
 - Understanding the structure and documentation of extensive user programs and making changes where necessary
- Industrial communication
 - Error diagnostics in a PROFINET IO system with an HMI device
 - Configuration of CPU-CPU communication via Industrial Ethernet
- Human Machine Interface
 - Alternative message methods
 - Consistent transfer of entire data records (recipe management)
 - System error diagnostics with an HMI device
- Motion control
 - Connection of drives
- Functional safety technology
 - Significance of security technology in the prevention of accidents

Prerequisites

Completion of course A7811 and A7812

Type

Face-to-face training

Duration

5 hours

Language

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