

PCS7 Maintenance (E-PCS7SERV)

Objectives

The course is aimed at personnel whose activities focus on the service and maintenance of plants with PCS7 control systems. The emphasis here is on the process-level components AS, I/O systems and system bus. The handling skills required in day-to-day practice for diagnosing and correcting faults are practiced on training equipment and in typical projects. Equipped with the knowledge of the integrated nature of the system, you will be able on completion of the course to quickly diagnose and correct faults and to remove possible fault sources in advance. This enables you to reduce standstill times and increase the efficiency of your automation system.

Target Group

Maintenance and service

Content

Overview components of PCS7 : AS, I/O, OS, networks
Specific functions of the AS, ES and OS
Reading and understanding the CFC- and SFC-functions
Performing simple modifications in the application, such as : trending, alarm texts, parameter values
Performing simple extensions to the application such as : 2 analogue input signals, controlling the motor, interlocks for valves, distributed I/O, communication AS-AS
Tracing the signal from the I/O into the CFC-functions
Test and simulation mode
Diagnostics and Asset Management
Exchange of components
Management of the project data

Prerequisites

Basic knowledge of industrial automation

Type

Face-to-face training

Duration

5 days

Language

en