SIEMENS

SIMOTION D & SINAMICS S120 Maintenance Course (MC-SMO-1H) (MC-SMO-DG)

Short Description

SIMOTION D & SINAMICS S120 Maintenance Course

Objectives

Unplanned downtimes of production machines can be very costly. This course shows you how to use the SIMOTION D automation system and SINAMICS S120 drive system confidently should a fault occur. You will be able to rectify faults more quickly and make small adjustments to the control program, thereby saving both time and money. Practical exercises are carried out on a system installed with SIMOTION D, SINAMICS S120 in frame size Booksize, SIMATIC ET200S and SIMATIC TP 177 with WinCC flexible.

Target Group

Service personnel
Maintenance personnel

Content

Overview of SIMOTION and SINAMICS S120 components
Engineering system SCOUT and the integrated commissioning tool STARTER
Structure of a SIMOTION project
Setting up online connections via PROFIBUS and PROFINET
Drive objects, components and topology
Handling the CF-card: structure and backing up files
Diagnoses with SCOUT and the SIMOTION IT Web browser
Parameter overview for service purposes
Service relevant changes to executable control programs
Diagnosing and replacing of modules, motors, encoders, cables, and HMI
Analysis of enabling signals and alarms
Service functions: trace, measurement functions
Practical exercises on training devices

Prerequisites

Attended SD-DRV-FUN

Note

Commissioning and programming are covered in the following courses:
SINAMICS S120 commissioning: DR-SNS-SI
SIMOTION commissioning: MC-SMO-SYS
SIMOTION programming: MC-SMO-PRG

Type

Face-to-face training

Duration

5 days

Language

en

Fee

24,474 ZAR