

NC-84SL-SIP – Commissioning and service of SINUMERIK 840D s1 / Курс NC-84SL-SIP- Ввод в эксплуатацию и обслуживание SINUMERIK 840D s1 (NC-84SLSIP)

Short Description

This course teaches you how to configure the SINUMERIK 840D s1 and it provides you with the knowledge required to create, test and start up special system configurations. You practice startup and service in exercises on training devices. On completion of the course, you will have mastered startup of the SINUMERIK 840D s1 control system with a SINAMICS S120. Thanks to the knowledge gained of the different functions of the control, you will be able to pinpoint and correct faults. In this way, you will contribute toward minimizing standstill times and maximizing the productivity of your machine.

Target Group

Service personnel

Content

- Overview and components of the SINUMERIK 840D s1
- Introduction to operation
- Overview of the SINUMERIK 840D s1 functions
- Data backup and restart
- Analysis of the fault displays and diagnostics displays
- Machine data for the channel configuration, axis configuration and spindle configuration
- Drive configuration and fundamentals of optimization
- Adaptation of the control functions to the machine with machine data and interface signals
- Startup of compensations and axis couplings
- PLC basic program
- Structure of the user program
- NC/PLC interface structure, interface signals and user alarms
- Basics Tool management
- Settings for SINUMERIK Operate
- Introduction to Easyscreen
- Practical startup and service training on training devices

Prerequisites

Experience in Windows

Initial knowledge of drawing up PLC programs for the SIMATIC S7-300 controller (within the courses ST-7SERV1, ST-7SERV2).

Type

Face-to-face training

Duration

10 days

Language

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