SIEMENS

Service and Start-up SINUMERIK 840D sl (NC-84SL-SI)

Objectives

This course teaches you how to configure the SINUMERIK 840D sl 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 sl 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

Commissioning engineers, configuring engineers
Service personnel

Content

Overview and components of the SINUMERIK 840D sl
Introduction to operation
Overview of the SINUMERIK 840D sl 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 configration and fundamentals of optimization
Adaptation of the control funcions 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

Basic knowledge according to the course NC-NCAN

Type

Face-to-face training

Duration

10 days

Language

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