

Service and Start-up SINUMERIK 840D sl / SINUMERIK 840D sl Servis & Startup (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 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

Basic knowledge according to the course NC-NCAN

Type

Face-to-face training

Duration

10 days

Language

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Fee

18,000 TRY

(price without 18% VAT)