

Messa in servizio SINUMERIK 840D pl (NC-84PLSIP)

Short Description

This course teaches you how to configure the SINUMERIK 840D pl and it provides you with the knowledge required to create, test and start up special system configurations. On completion of the course, you will have mastered startup of the SINUMERIK 840D pl 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. This course teaches you how to configure the SINUMERIK 840D pl and it provides you with the knowledge required to create, test and start up special system configurations.

Objectives

After attending the course, you can:

- Configure a SINUMERIK 840D pl NC system
- Carry out a commissioning
- Use the operating panel for diagnostics and optimization
- Implement the main features

Target Group

Commissioning engineers
Engineering personnel
Service personnel

Content

- Brief introduction to numerical control with the help of the catalog
- Hardware configuration, panels and accessories
- Connections
- Description and use of the operating panel: setting data, PLC I / O status display
- Alarms and messages
- Levels of protection
- Creation of archives
- PLC-CN interface signals
- Total cancellation and NC restart
- NC machine data
- Drive configuration
- Optimization and calibration of digital drives

The theoretical knowledge will be deepened with numerous practical exercises.

Prerequisites

No requirements.

Type

Face-to-face training

Duration

3 days

Language

it