

SINUMERIK 840D sl Safety Integrated Configuring and Start-up (NC-84SLSIW)

Short Description

During this course, you will learn about configuring and commissioning the function Safety Integrated using the SINUMERIK 840D sl.

Objectives

During this course, you will learn about configuring and commissioning the function Safety Integrated using the SINUMERIK 840D sl. Practical exercises with our test units concerning configuring, commissioning and servicing will be a major part of this training course. At the end of the course you will be extremely familiar with the function Safety Integrated using the SINUMERIK 840D sl, and be able to configure, test and commission specific installation configurations with safety functions - and all this all by yourself. This enables you to make full use of the advantages of Safety Integrated on your machine tool.

Target Group

Commissioning engineers
Engineering personnel
Service personnel

Content

General information on safety technology; new standards
System requirements
Description of the safe basic functions
Procedure during startup and troubleshooting
Description of the machine data and interface signals
Safe Programmeable Logics
Safe Communications with PROFIsafe
Evaluation of diagnosis and alarm displays
Test stop
Sensor / actuator integration with switching examples
Safe brake management
Acceptance test with Sinucom NC
Safe Communication between several NCUs
Safety Evaluation Tool SET
Practical exercises on Training devices

Prerequisites

Basic knowledge according to the course NC-84SL-SIP.
Relevant education, knowledge and experience to enable him or her to analyze risks and to avoid hazards which electricity could create.

Note

None

Type

Face-to-face training

Duration

5 days

Language

en