

## SINUMERIK 840D s1 Safety Integrated Configuring and Start-up / SINUMERIK 840D SL 安全集成的组态与调试 (T8403)

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### Objectives

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During this course, you will learn about configuring and commissioning the function Safety Integrated using the SINUMERIK 840D s1. 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 s1, 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

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commissioning engineers, configuring engineers, service personnel

### Content

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- 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
- Practical exercises on Training devices

### Prerequisites

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Basic knowledge according to the course T8401

### Type

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Face-to-face training

### Duration

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5 days

### Language

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zh

### Fee

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7,000 CNY