

## SINUMERIK 840D sl service (NC-84SL-SK)

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### Short Description

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This course teaches you how to maintain and service a SINUMERIK 840D sl with operator interface SINUMERIK Operate and HMI advanced.

### Objectives

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This course teaches you how to maintain and service a SINUMERIK 840D sl with operator interface SINUMERIK Operate and HMI advanced. You practice service in exercises on training equipment. On completion of the course, you will have the knowledge and abilities necessary for handling ongoing service and maintenance work on machine tools with SINUMERIK 840D sl and SINAMICS S120, and you will also be able to perform second startups. You will be able to pinpoint and correct any faults. In this way, you will contribute toward minimizing standstill times and boosting productivity.

### Target Group

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Service personnel  
Maintenance personnel

### Content

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Overview and components of the SINUMERIK 840D sl  
Introduction to operation  
Data backup and restart  
Analysis of fault displays and diagnostics displays  
Basic configuration of the axes and drives  
Adaptation of the machine data following mechanical maintenance work  
Structure of the user program  
NC/PLC interface structure, important interface signals and user alarms  
Practical service training on training devices

### Prerequisites

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

### Note

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none

### Type

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Face-to-face training

### Duration

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5 days

### Language

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