

## SINUMERIK 840D s1 Service and Installation / SINUMERIK 840D SL 维修与调整 (T8401)

### Objectives

This course teaches you how to configure SINUMERIK 840D s1 and it provides you with the knowledge required to create, test and start up special system configurations. On completion of the course, you will master startup of SINUMERIK 840D s1 control system with a SINAMICS S120.

### Target Group

Commissioning engineers, Engineering personnel, Service personnel

### Content

- Overview of SINUMERIK 840D s1 startup tool
- Introduction to operation
- Overview of the SINUMERIK 840D s1 functions
- Data backup and restore
- 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
- PLC basic program
- Structure of the user program
- NC/PLC interface structure, interface signals and user alarms
- Settings for SINUMERIK Operate
- Practice on training devices

### Prerequisites

SIMATIC S7-300 knowledge and basic knowledge of the CNC

### Type

Face-to-face training

### Duration

10 days

### Language

en, zh

### Fee

12,400 CNY