

SINAMICS – Safety Integrated Commissioning and Service (DR-SAFETY)

简介

In this course, you will learn how to configure the SINAMICS drive-based Safety Integrated functions during commissioning and during service.

培训目的

You will learn how to configure and commission SINAMICS Drive Based Safety Integrated using various scenarios with practical commissioning and service activities. You will now, which safety functions are available and how to use them.

培训对象

- Commissioning personnel
- Service personnel
- Maintenance personnel

课程内容

Short overview of relevant standards and guidelines
Operating principle of the safety functions integrated in SINAMICS
Control of safety functions via onboard terminals and via PROFINET / PROFIsafe
Commissioning of basic safety functions
Overview of available safety functions
Verification of the implemented safety measures

- Safety Integrated acceptance test
- Safety Integrated activation test
- Documentation and archiving of test results

Service and maintenance with activated safety functions
Component replacement with activated safety functions
Practical exercises with SINAMICS training units, e.g. SINAMICS S210

必备条件

Basic knowledge of drive technology
Basic knowledge of SIMATIC TIA Portal (corresponding to the courses TIA-SERV1 or TIA-PR01)
Basic knowledge of functional safety (corresponding to the course ST-FASAFN)

注意事项

Included in the course price: Free access to the digital learning platform [SITRAIN access](#) — starting one week before the start of the course until two weeks after the end of the course. Here you will find web-based trainings on [SINAMICS Converters](#) as well as other topics such as [Industrial Automation Systems SIMATIC](#) and many more. With the Learning Membership, you can deepen or repeat the content of this Learning Event as well as continue your education on other interesting topics.

课程类型

标准课程

培训天数

4 天

培训语言

en