

SINAMICS Safety integrated for Cranes (CR-SI)

Objectives

Integrated safety functions for SINAMICS S120 with its focus on Crane application.
Use of safety software with Distributed Safety and S7 in Classic and TIA portal.

Target Group

System Integrators, Crane SW engineers (OEM's), commissioning engineers who have to commission a crane with integrated safety functions on SINAMICS S120.

Content

This course content is:

- Basis overview of safety levels
- Integrated safety functions for SINAMICS
- How to commission the safety functions on SINAMICS with starter
- Failsafe communication with PROFIsafe
- The use of safety programs in the S7
- Use of the classic S7 software
- Use of the TIA Portal S7 software
- Acceptance test and documentation

Practical exercises at the Crane Model Drive Based Technology and a S7-F plc.

Prerequisites

The following prerequisites are required

- Basic knowledge of Cranes,
- Basic knowledge of safety regulations on cranes,
- Basic knowledge of SIMATIC S7, Simatic manager and TIA portal,
- Basic knowledge of SINAMICS S120 and Starter

Type

Face-to-face training

Duration

2 days

Language

en

Fee

1,210 EUR