

Simatic TIA Portal Safety (TIA-SAFETY)

Content

- Introduction to the machine directive
- Introduction to the machine safety standards EN ISO13849-1 and EN IEC62061
- Introduction to the TIA Portal
- Configuration of the failsafe PLC and failsafe I/O
- System reaction of faults
- Programming of safety functions
- Test of safety functions
- Failsafe communication between automation systems

Prerequisites

Experienced programmers that has participated in the training courses "Simatic TIA Portal update from Step 7 v5.4/5.5", "Simatic TIA Portal programming 1", "Simatic TIA Portal Service 2" or have similar knowledge. Basic knowledge in machine safety is desirable but not necessary.

Type

Face-to-face training

Duration

4 days

Language

SV