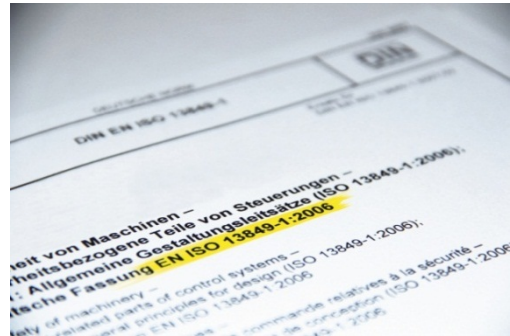


Functional Safety

EN ISO 13849-1

Order No. 2700507

One-day seminar
Implementation of EN ISO 13849-1



1 Description

Machine safety in detail – requirements and implementation of EN ISO 13849-1

This training course teaches you how to implement safety-related parts of the control system and determine reliability for safety functions in the form of the performance level. This is described in EN ISO 13849-1. In addition to the suitable hardware structures for safety controllers, you will learn about the process of creating safe software. After completing the course, you will be able to determine the required performance level of a safety controller and identify the necessary interfaces for the mechanics. You will be able to optimally configure safety controllers and will be familiar with both the basics and the procedure for calculating the achieved performance level. In addition, you will have an overview of the options available in the SISTEMA software, a tool used to evaluate safety functions.

2 Program

- The terms used in the standard and their meaning
- Designing according to the standard
- Determining the required performance level using various examples
- Designing safety functions
- Examples for calculating the achieved performance level
- Validating safety functions
- Technical innovations of the standard

3 Target groups

- Designers of machine control systems

3 Duration and costs

1 day

We will be happy to prepare a non-binding quote for you.

To request this, speak to your personal sales partner directly or contact the headquarters in your country.

5 Requirements

Knowledge of safety technology and the Machinery Directive and participation in the MRL / MACHINE DIRECTIVE training course (Order No. 2700510).

6 Further information

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