

Functional Safety Fundamentals

This course will provide an introduction to the basic concepts of Functional Safety standards. Focus will be on Type-A, -B and -C standards and will help the user to identify and select the appropriate generic or application specific standard. This course will focus on standards for hydraulic/electrohydraulic systems on mobile machinery.

The participants will be introduced to different Lifecycle-Models and get an overview on the main challenges, most important process steps and critical deliverables of these models.

During the course, examples of hydraulic/electrohydraulic safety functions will be introduced and discussed. Upon successful completion of this training, the training the participants will be able to understand the need to follow different and relevant standards out-of the area of Functional Safety.

Standards

ISO 12100, ISO 13849, IEC 61508, ISO 25119, ISO 15998

Learning goals.

Upon completion of this workshop participants are expected to:

- Select relevant FS^{*)} standards for their area of applications
- Contribute with FS^{*)} aspects in machine design
- Understand the importance of following different standards
- Interpret FS^{*)} aspects as integral part of the organization and processes

Content:

- Overview and introduction of selected Functional Safety standards (A, B, C)
- Overview of relevant application areas for the standards
- Introduction of different Lifecycle Models
- Increased awareness on main challenges, most important process steps and deliverables
- Highlights the advantages of Sauer-Danfoss products and processes
- Application examples will be included

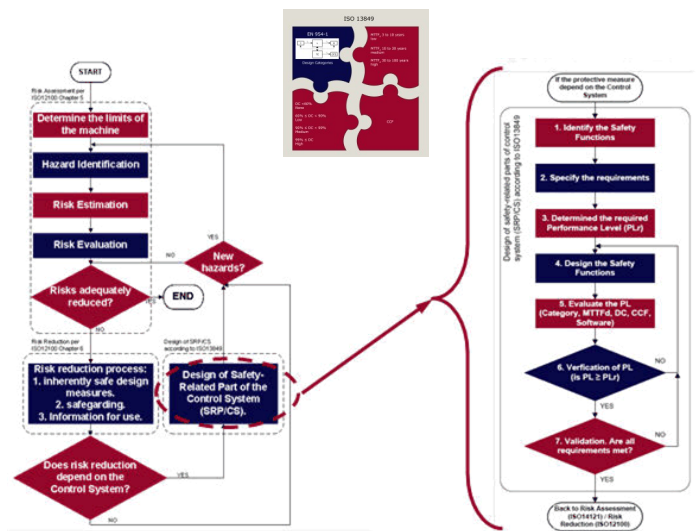
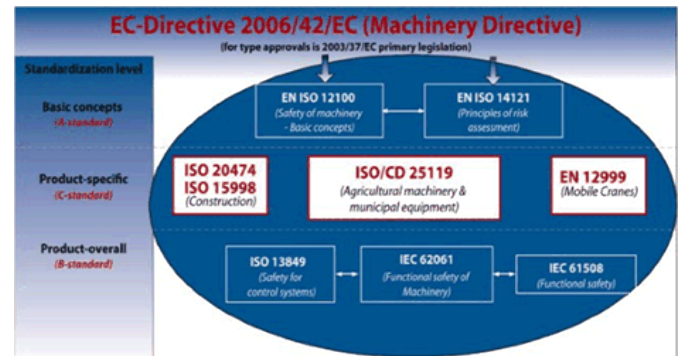
Participants

Anyone who is involved or has an interest in Functional Safety

Prerequisite

Working in the area of mobile machinery

*) Functional Safety



Dates Please visit our website

Duration 2-Days
1 Day: 8:30 – 17:00
2 Day: 8:30 – 17:00

Location Älmhult, Sweden
Neumünster, Germany
Nordborg, Denmark
Minneapolis, USA

Registration Please contact your sales representative

Product No. 11133503

Website www.sauer-danfoss.com/Applications/FunctionalSafety

Language English