Safety Overview - Seminars

Seminar series: The road to a safe machine.

Module 2: Fundamentals of Siemens F controllers

Module description:
The fact that safety controls are used more and more often means that extensive training needs to be put in place for the programmers in charge of F controllers to ensure that they can handle the variety of configuration options and the required techniques in a safe way.

What's more, knowing how to implement the required safety measures necessitates a basic understanding of Siemens F control systems' flexible safety features, and how to apply them.

In this training module, you'll learn how to use these options efficiently. The focus of this session is on you as a participant. You will be taught what you need to know on a one-to-one basis.

We recommend booking Module 2 and Module 3 together to make sure that you can apply what you've learned, and expand your knowledge of how to put everything together in practice.

Contents:
- Configuring fail-safe controls
- I/O module configuration
- Safety Administration
- Methods for SAFETY programming
- Testing and validation

Duration:
- Approx. 6 - 8 hours

Required:
- Basic knowledge of TIA Portal and Step7 programming (cf. TIA module 1 + 2)
- Basic knowledge of Machinery Directive 2006/42/EC (see Safety Module 1)

Trainers:
- Thomas Krusen, Frank Eichenauer, Dominik Holtkötter, Dustin Hollenberg

Training location:
- Wherever you prefer, taking travel expenses into account. The course can also be taken online.

Certificate of participation:
- Digital for online training courses, paper for face-to-face training courses

Training materials:
- Digital

Number of participants:
- Min. 4 participants, max. 10
- If there are more than 10 participants, we can divide the course into several groups and hold it on consecutive days.

Price:

- €450 per participant (plus travel expenses)