

FS 101 | Functional Safety for maintenance and operation

TrainingFacts

Live Webinar

Functional Safety – A question of qualification

Personnel qualification is essential for functional safety. To prevent hazardous incidents, current standards such as the statutory order on hazardous incidents or IEC 61508/11 increasingly demand proof of adequate training for operating staff at all levels and in all areas.

This HIMA training course helps you demonstrate your functional safety competence. Supported by a range of practical examples, it provides employees working with safety instrumented systems (SIS) the basic principles, informing them about current standards, their requirements and the use of modern tools, technologies and methods.

Course Content

Introduction/Basics

- Presentation of relevant standards
- What is risk and how to handle it?
- Manage safety properly

Analysis

- Identification of hazards and classification
- Examples using HAZOP, risk matrix and risk graph

Realisation

- Basics for specification
- Considerations about software design?
- Key elements for operation
- Checklists: a universal aid?

Validation/Operation

- Safety must be ensured during plant operation
- Proper (important) recording of faults
- Fault analysis
- Proof test

Duration: 2 days, 4 sessions with 2 hours each
daily 09:00 – 11:00 and 13:00 – 15:00 o'clock

Number of participants: minimum 2, maximum 16 participants

Registration: <http://academy.hima.com>

Contact: training@hima.com