

FS 121 | Functional Safety machines in process industries

TrainingFacts

Live Webinar

Machines in process industry according ISO 13849

Next to process there are also machines used in process industries within the focus of functional safety. Even with no influence by medium there are potential risks based on the machines themselves. Generally based instruction about implementation of functional safety thought for machines used in process industries will be given to end users and system integrators.

The one-day workshop demonstrates the implementation according the standards of functional safety for machines as IEC 62016 or ISO 13849. Use hazard and risk analysis, design safety-instrumented systems (SIS) for machines, calculate failure rates, select adequate equipment and understand the certificates and the relevant safety manuals up to operation and maintenance will be part of this seminar.

Course Content

- Standards according machines and Functional Safety
- Machines and safety components
- Hazard consideration and risk analysis
- Hardware design
- Confirmation of requested safety level
- Operation and maintenance

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