

DE0309 Introduction to ISO 25119

Safety of machinery for forestry and agriculture

Safety related parts of control system

Skills You Will Learn:

- Understanding the scope and general concepts of ISO 25119
- Meaning of the ISO 25119 for the machine directive 2006/42/EG, CE marking
- Apply the standard to the design of safety related parts
- Meaning of Category, Agricultural Performance Level, MTTF, DC, CCF.....
- Concepts to reach a required Agricultural Performance Level
- Basic knowledge to be prepared for specific further training modules

Course Topics:

- Introduction to Functional Safety
- Hazard analysis and risk assessment (HARA) and Safety Goals in the scope of ISO 25119
- Risk Reduction and estimation of Performance Level
- Probability of failures, diagnostic coverage
- Categories and designated architectures
- Meaning of Functional Safety Management Safety Lifecycle and work products
- Software Requirement Level (SRL) and requirements to the Software Lifecycle
- Requirements to production, operation and modification
- Supporting Processes
- Verification and Validation

Who Should Attend?

- Development Engineers (System, Hardware and Software)
- Product Managers
- Project Leaders of safety related machinery developments
- Managers / decision takers
- Quality managers

Duration: 2 days

Language: Can be chosen between German or English, training material will be in English

Location: *exida.com* GmbH office
Prof.-Messerschmitt-Straße 1
85579 Neubiberg / Germany

Certificate: Each participant gets a letter of attendance.

For more information, please contact:

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