

FS Technician for Machinery with TÜV Rheinland certificate

Order No. 9064996

4.5-day seminar
Implementation of the Machinery Directive



1 Description

Phoenix Contact is offering this seminar as course provider for the TÜV Rheinland Functional Safety Program. Once they have passed the final exam, participants receive the recognized Functional Safety Technician (TÜV Rheinland) certificate and are listed by name as FS Technician (TÜV Rheinland) for Machinery - CE Practice on the TÜV Rheinland Industrie Service GmbH website (www.tuvasi.com). The certificate is an internationally recognized proof of qualification within the industry which vouches for the practical implementation of the knowledge required to implement the requirements concerning machine safety.

2 Program

- Introduction to the Machinery Directive
- Procedures for assessing conformity
- Application of EN ISO 13849-1
- Implementation of the specifications with support from SISTEMA
- Safeguarding
- Process monitoring

- Practical implementation of technical measures for functional safety in the safety lifecycle for machinery:
 - Phase 0: risk assessment of the machine
 - Phase 1: safety planning
 - Phase 2: specification
 - Phase 3: validation planning
 - Phase 4: implementation
 - Phase 5: verification
 - Phase 6: code simulation
 - Phase 7: validation

- Summary and examination

3 Target groups

Mechanical/electrical engineers, software/hardware developers, project managers, quality managers, FS Engineers, technicians, skilled workers, master craftsmen

4 Duration, date, and costs

4.5 days

We will be happy to prepare a non-binding quote for you.

To request this, speak to your personal sales partner directly or contact the headquarters in your country.

5 Requirements

To participate in the seminar: basic knowledge of the Machinery Directive and of EN ISO 13849-1 (verified by the employer or seminar certificate)

To take the exam: technical qualification and two years of work experience in the field of machine building or electrical equipment of machinery

6 Further information

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