ISO 26262

ISO 26262
4-DAY TRAINING INCLUDING AFSP CERTIFICATION*

DESCRIPTION

The more complex the technology, the more experts for Functional Safety are needed. But the question is: who is an expert for Functional Safety? ISO 26262 does not answer this question. On the one hand it demands that only experts assess or manage Functional Safety, but on the other it does not specify any of the prerequisites to be met by someone who may be considered an expert.

SGS-TÜV Saar as an accredited services provider now offers you the possibility to impart the technical knowledge for Functional Safety to personnel and to thereby qualify them. As an individual possessing this qualification, you justify or even increase your market value. As a business, you have the opportunity to have your staff qualified by an independent party and to secure this technical knowledge for the long term.

*AFSP = Automotive Functional Safety Professional

TRAINING DATE	TRAINING LOCATION
12 June 2017 to 15 June 2017	Lemon tree hotel, No. 54B, 55A, Hosur Main Rd, Electronics City Phase 1, Electronic City, Bengaluru, Karnataka 560100, India

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CONTENT OF THE TRAINING (3½ DAYS)

1st day: Introduction, Overview and Risk Assessment	■ Introduction to Functional Safety ■ Introduction to ISO 26262 and its legal consequences ■ Installation of Functional Safety Management at company/department level ■ Overview of the additional development steps to be installed ■ Introduction to the training example and initiation of an example development project ■ Methodology of Hazard Analysis and Risk Assessment (HARA) ■ HARA for the training example in an exercise
2nd day: Preparation of Safety Concepts	■ Parameters needed for the Functional Safety Concept (FSC) ■ Step-by-step exercise to prepare the FSC in the example project ■ Derivation of a preliminary technical design ■ Derivation of technical safety requirements and refinement to a safe system design ■ Preparation of the Technical Safety Concept (TSC) ■ The role of safety analysis (FMEA, FTA) ■ Refinement of the training example
3rd day: Safety-Related Hardware and Software Development	■ Allocation of technical safety requirements for hardware and software development ■ Theory of probabilistic safety analysis at hardware level ■ Step-by-step examples to evaluate the probabilistic hardware metrics ■ Example calculation of SPFM, LFM and PMHF ■ Alternative "Method 2" ■ Introduction to the software safety life cycle ■ Interpretation of the required methods and techniques according to ISO 26262-6
4th day: Supporting Processes	■ Overview of the additional supporting processes as extensions of existing structures ■ Confidence in the use of SW tools ■ Exercise in SW-tool qualification ■ Wrap up and discussion of all parts of the training

AFSP CERTIFICATION (2H)

■ 2-hour written exam in the afternoon of the 4th training day

■ A passed exam allows you to bear the title AFSP (Automotive Functional Safety Professional)

AFSP by **SGS TÜV SAAR**

TARGET GROUP

Safety Managers and electronic developers in the automotive industry

FEES

Price per participant
20,0000 INR
3,129 USD

Early bird discount 10%
Discount for more than 3 enrolments from same organisation 10%

ONLINE REGISTRATION

http://www.sgs-tuev-saar.com/en/functional-safety-training/automotive-training/schulungen-automotive/online-registration.html

ADMINISTRATIVE ENQUIRIES

To register for this training or to check locations, dates and availability, please contact:

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WHEN YOU NEED TO BE SURE

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