ISO 26262 FUNCTIONAL SAFETY STANDARD

The ISO 26262 is an Automotive Functional Safety standard which provides safe lifecycle for an automotive and offers provision of customization as per requirement. This covers the Functional Safety aspects integrated in the entire development phase like Specifications, Design, Implementation, Integration, Verification, Validation and Configuration, which results into an automotive specific risk management system that ensures sufficient and acceptable level of safety.

FUNCTIONAL SAFETY TRAINING IN INDIA BY GLOBAL EXPERTS

We at SGS India with help from our group SGS-TUV Saar, Germany are offering extensive and in-depth understanding of this new global standard through a 5 day training program where professionals will get to learn the safety processes, legal responsibilities and finally, how to achieve compliance to this new standard.

With a network spread across over 140 countries, we are here to support the industry in all matters relating to Functional Safety. As an accredited services provider, we are active in the areas of training, consultancy, safety analytics, testing and certification. The years of experience of our experts in the field of Functional Safety have been incorporated into our training program, which reflects all current developments in the field of Functional Safety.

PERSONAL QUALIFICATION PROGRAM

ISO 26262 demands that only experts may assess or manage Functional Safety. We will qualify you for working with Functional Safety in five days. SGS-TUV Saar has developed the “AFSP” qualification program for this purpose. After successful completion of this training you will receive the SGSTUV Saar seal confirming that you are an Automotive Functional Safety Professional: the ideal way to demonstrate to your customers your competence for working on functional safety projects.

The AFSP qualification is valid for three years. By attending an update workshop you can extend the qualification by another three years, provided you have successfully passed the test at the end of the workshop. In justified exceptional cases (illness etc.) the Testing Commission may confirm your qualification without your attendance of the update workshop.

BOOK NOW TO ENSURE YOUR SPOT!
MODULE K2
MANAGEMENT OF FUNCTIONAL SAFETY (FSM), SAFETY MANAGEMENT, PROCESSES, SUPPORTING PROCESSES
The new ISO 26262 standard describes management of Functional Safety as the essential basis for the development of safety-relevant electronics in motor vehicles. In an illustrative way this training module demonstrates the aspects to be considered when introducing an FSM system and the tasks faced by both the responsible safety managers at the quality level and the safety managers at the project level.
DURATION 1 day

MODULE K3
CONCEPT DEVELOPMENT FROM THE RISK ANALYSIS TO THE FUNCTIONAL SAFETY CONCEPT
The agenda for Functional Safety is already set during the course of the concept development at vehicle level. This module addresses vehicle manufacturers as well as suppliers who need to know how safety objectives are defined and Functional Safety requirements are derived. The current interpretation of the standards is presented and discussed in practical exercises.
DURATION ½ day

MODULE K4
SYSTEM DEVELOPMENT, TECHNICAL SAFETY CONCEPT AND SYSTEM DESIGN
Building directly upon the example in training module K3 this module addresses the technical concept design of a system and its sub-systems. In addition, the topic of issues relating to interface definition between the OEM and the supplier(s) is addressed. Knowledge of the relevant interactions is intensified in illustrative exercises.
DURATION ½ day

MODULE K5
HARDWARE DEVELOPMENT, SAFETY ORIENTED HARDWARE DEVELOPMENT
ISO 26262 presents a new approach to hardware assessment. In future there will be various options and ways available to satisfy the requirements. These options, including their advantages and disadvantages, are pointed out in this module. The required safety demonstration methods are presented and intensified.
DURATION 1 day

MODULE K6
SOFTWARE DEVELOPMENT, SAFETY ORIENTED SOFTWARE DEVELOPMENT
Beyond the demands of previously existing quality standards (SPiCE, CMMI etc.) ISO 26262 establishes further requirements focused on “Functional Safety”. This training module presents the additional demands made on software development and their practical implementation in an illustrative manner.
DURATION 1 day

MODULE K7
ANALYTICS, METHODICAL APPROACH TO SAFETY ANALYSIS
Analytics is a cross-sectional requirement relating to all development stages in the safety lifecycle. This module presents all analyses required in accordance with ISO 26262-9. The various methods are compared with each other and the respective advantages and disadvantages pointed out.
DURATION 1 day

FOR ENQUIRES RELATING TO FUNCTIONAL SAFETY AND THE TRAINING, PLEASE CONTACT:
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