ISO 26262 FUNCTIONAL SAFETY TRAINING
IN BANGALORE, INDIA
15TH – 19TH JULY 2013

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 SGS-TÜV 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-TÜV Saar has developed the “AFSP” qualification program for this purpose. After successful completion of this training you will receive the SGSTÜV 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
SAFETY MANAGEMENT AND 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.

MODULE K3
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.

MODULE K4
TECHNICAL SAFETY CONCEPT AND SYSTEM DESIGN

This module addresses the technical safety concept and the design of a system and its sub-systems. In addition, issues relating to interface definition between the OEM and the supplier(s) are addressed. The module includes the application of safety analysis methods such as FTA in the design process. Understanding of the necessary activities is intensified in practical exercises.

MODULE K5
SAFETY ORIENTED HARDWARE DEVELOPMENT

ISO 26262 defines a specific approach to hardware design and safety analysis. There are various options available to satisfy the requirements. The advantages and disadvantages of these options are discussed in this module. The practical exercises include performing an FMEDA, with step-by-step explanation.

MODULE K6
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.

AFSP EXAM
AUTOMOTIVE FUNCTIONAL SAFETY PROFESSIONAL

The written exam consists of both multiple-choice and essay-style questions. Following successful completion of the exam you will be awarded the “AUTOMOTIVE FUNCTIONAL SAFETY PROFESSIONAL” personal qualification.

FOR ENQUIRES RELATING TO FUNCTIONAL SAFETY AND THE TRAINING,
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