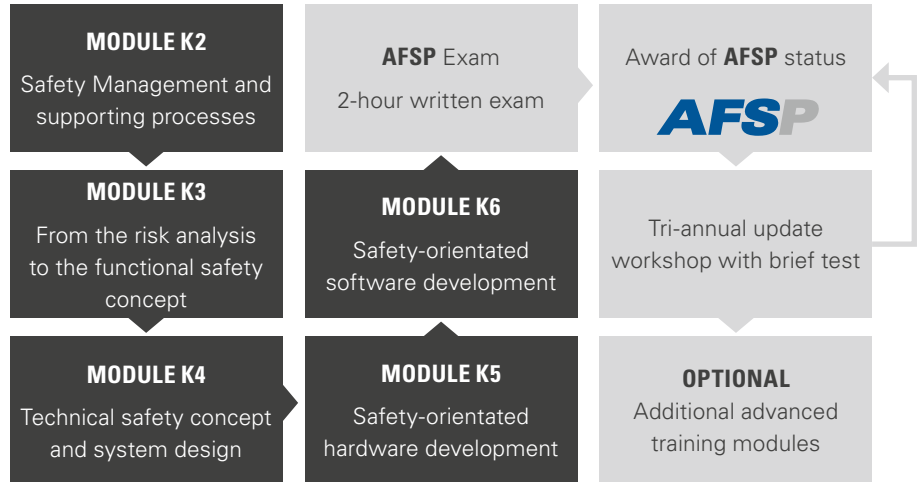# FUNCTIONAL SAFETY TRAINING
ISO 26262

18TH-22ND APRIL 2016 IN MUNICH, GERMANY (ENGLISH LANGUAGE)
12TH-16TH DECEMBER 2016 IN MUNICH, GERMANY (ENGLISH LANGUAGE)

MODULE K2 — Safety Management and supporting processes	**AFSP** Exam — 2-hour written exam	Award of **AFSP** status — AFSP
MODULE K3 — From the risk analysis to the functional safety concept	**MODULE K6** — Safety-orientated software development	Tri-annual update workshop with brief test
MODULE K4 — Technical safety concept and system design	**MODULE K5** — Safety-orientated hardware development	**OPTIONAL** — Additional advanced training modules

THE ISO 26262 FUNCTIONAL SAFETY STANDARD

The ISO 26262 is an international standard which is mandatory for ALL automotive OEMs and their global Suppliers. In this in-depth 5-day training you will learn about your legal responsibilities, the safety processes and how you can comply with the requirements of ISO 26262.

EXPERIENCED TRAINERS

SGS-TÜV Saar is a company of the SGS Group and TÜV Saarland e.V. that supports you in all matters relating to Functional Safety. As an accredited services provider, we are active in the areas of training, consulting, safety analysis, 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 SGS-TÜV 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.

Your 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.

MODULAR TRAINING

The ISO 26262 training course is modular. You can register for a single module or any combination of modules. To be eligible for the AFSP exam, you must attend all training modules (K2 to K6) within a 12 month period. For more details about the modules please see overleaf.

TRAINING LOCATION

The SGS-TÜV Saar training will be held in the Holiday INN Hotel located in Munich/Germany. The training starts at 10am on Monday. On the other days the training begins at 9am to 5pm. We guarantee to finish after the AFSP exam on Friday at 5pm.

BOOK NOW TO ENSURE YOUR SPOT

For all bookings we received six weeks prior to the training date, you get a discount of 10%.

MODULE K2

SAFETY MANAGEMENT AND SUPPORTING PROCESSES

The 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
TARGET GROUP   Safety managers,
                 project managers,
                 quality manager

MODULE K3

FROM THE RISK ANALYSIS TO THE FUNCTIONAL SAFETY CONCEPT

The agenda for Functional Safety is already set during concept development at vehicle level. This module addresses vehicle manufacturers as well as suppliers who need to know how safety objectives are defined and how functional safety requirements are derived. The current interpretation of the standard is presented and discussed in practical exercises.

DURATION   1 day
TARGET GROUP   Safety managers,
                 project managers,
                 function developers

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.

DURATION   1 day
TARGET GROUP   Safety managers,
                 system developers,
                 hardware and
                 software developers

MODULE K5

SAFETY-ORIENTATED 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.

DURATION   1 day
TARGET GROUP   Safety managers,
                 hardware developers

MODULE K6

SAFETY-ORIENTATED SOFTWARE DEVELOPMENT

Beyond the demands of previously existing quality standards (SPiCE, CMMI) ISO 26262 establishes further requirements focused on "Functional Safety". This training module presents in an illustrative manner the additional demands made on software development and their practical implementation.

DURATION   1 day
TARGET GROUP   Safety managers,
                 software developers

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.

DURATION   2 hours
TARGET GROUP   Safety managers

ENQUIRIES RELATING TO FUNCTIONAL SAFETY

For all enquiries relating to functional safety, ISO 26262 and the content of our trainings, please contact:

GLOBAL COMPETENCE CENTER FUNCTIONAL SAFETY

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TRAINING LOCATION

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D-81379 Munich, Germany
t +49 89 7800 - 2640
f +49 89 7800 - 2672
reservierung@hi-muenchen.de

ADMINISTRATIVE ENQUIRIES

To register for this training or for any enquiries relating to payment, please contact:

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SGS IS THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY. AS A JOINT VENTURE OF SGS AND TÜV SAARLAND E. V., SGS-TÜV SAAR ENSURES THE RELIABILITY AND QUALITY OF PROCESSES, PRODUCTS AND TECHNICAL SERVICES.

WHEN YOU NEED TO BE SURE

SGS

REGISTRATION ISO 26262 TRAINING

FAX TO +49 89 787475 - 217 OR E-MAIL TO FS@SGS.COM
ISO 26262 TRAINING IN MUNICH, GERMANY

5-DAY ISO 26262 TRAINING	STANDARD PRICE	EARLY-BIRD PRICE
18th-22nd April 2016 in Munich, Germany (English language) 12th-16th December 2016 in Munich, Germany (English language) ☐ I would like to register for all modules and for the AFSP exam.	4,185.00 EUR plus VAT	For bookings received 6 weeks before start of course: 3,767.00 EUR plus VAT
ISO 26262 MODULES I would like to register for only the following modules: ☐ K2 – SAFETY MANAGEMENT AND SUPPORTING PROCESSES 18th April 2016 12th December 2016 ☐ K3 – FROM THE RISK ANALYSIS TO THE FUNCTIONAL SAFETY CONCEPT 19th April 2016 13th December 2016 ☐ K4 – TECHNICAL SAFETY CONCEPT AND SYSTEM DESIGN 20th April 2016 14th December 2016 ☐ K5 – SAFETY-ORIENTATED HARDWARE DEVELOPMENT 21st April 2016 15th December 2016 ☐ K6 – SAFETY-ORIENTATED SOFTWARE DEVELOPMENT 22nd April 2016 16th December 2016	**MODULE PRICE** 790.00 EUR plus VAT x _____ Module Total = _____.00 EUR	**EARLY-BIRD MODULE PRICE** For bookings received 6 weeks before start of course: 711.00 EUR plus VAT x _____ Module Total = _____.00 EUR

_____
Mr/Mrs/Ms/Academic Title

_____
First Name

_____
Last Name

_____
Company

_____
Department

_____
Job Title

_____
*Street

_____
City/Town

_____
ZIP Code

_____
E-Mail

_____
Telephone

_____
Fax

*Please advise us if you require a different billing address.

I hereby register bindingly for the chosen training modules. The training fee includes training materials and catering. Acceptance of the booking is subject to availability and will be confirmed in writing. I have read and accept the General Terms and Conditions.

_____
Signature

_____
Date

SGS IS THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY. AS A JOINT VENTURE OF SGS AND TÜV SAARLAND E. V., SGS-TÜV SAAR ENSURES THE RELIABILITY AND QUALITY OF PROCESSES, PRODUCTS AND TECHNICAL SERVICES.

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