

Functional Safety Training ISO 26262

IN MUNICH

14TH - 18TH SEPTEMBER 2020 (ENGLISH), 12TH - 16TH OCTOBER 2020 (GERMAN), 22ND - 26TH FEBRUARY 2021 (GERMAN), 19TH - 23RD APRIL 2021 (GERMAN), 20TH - 24TH SEPTEMBER 2021 (GERMAN)

IN STUTTGART IN DORTMUND

16TH - 20TH NOVEMBER 2020 (ENGLISH), 19TH - 23RD JULY 2021 (GERMAN)

30TH NOVEMBER - 04TH DECEMBER 2020 (GERMAN), 21ST - 25TH JUNE 2021 (GERMAN)



MODULE K2

Safety Management and supporting processes

AFSP EXAM

2-hour written exam

Award of AFSP status



MODULE K3

From the risk analysis to the functional safety concept

MODULE K6

Safety-orientated software development

Tri-annual Functional Safety activity report plus short online exam

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 delivery of a Functional Safety activity report for the past 3 years and the successful participation in a short online exam, you can extend the qualification by another three years.

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, it is recommended to attend all training modules (K2 to K6) within a 12 month period. For more details about the modules please see overleaf.

TRAINING TIME

The training starts at 10 a.m. on Monday. On the other days the training begins at 9 a.m. to 5 p.m. We guarantee to finish after the AFSP exam on Friday at 5 p.m.

BOOK NOW TO ENSURE YOUR SPOT

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

VIRTUAL CLASSROOM

All trainings can also be booked as an online seminar (MS-Teams). For this we offer you a 10% webinar discount.

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
Quality manager

MODULE K6

SAFETY-ORIENTATED SOFTWARE DEVELOPMENT

Beyond the demands of previously existing quality standards (SPICE, CMMII) 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

Training location

STUTT GART

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FOR ALL ENQUIRIES RELATING TO FUNCTIONAL SAFETY, ISO 26262 AND THE CONTENT OF OUR TRAININGS, PLEASE CONTACT:

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WHEN YOU NEED TO BE SURE

SGS

Registration ISO 26262

Fax to +49 89 787475-217 or e-mail to fs.training@sgs.com

ISO 26262 TRAINING IN MUNICH, DORTMUND AND STUTTGART

5-DAY ISO 26262 TRAINING	
I WOULD LIKE TO REGISTER FOR MODULES K2 - K6 AND AFSP EXAM:	
<input type="checkbox"/> 14 th - 18 th September 2020 in Munich (english) <input type="checkbox"/> 12 th - 16 th October 2020 in Munich (german) <input type="checkbox"/> 16 th - 20 th November 2020 in Stuttgart (english) <input type="checkbox"/> 30 th November - 04 th December 2020 in Dortmund (german) <input type="checkbox"/> 22 nd - 26 th February 2021 in Munich (german) <input type="checkbox"/> 19 th - 23 rd April 2021 in Munich (german) <input type="checkbox"/> 21 st - 25 th June 2021 in Dortmund (german) <input type="checkbox"/> 19 th - 23 rd July 2021 in Stuttgart (german) <input type="checkbox"/> 20 th - 24 th September 2021 in Munich (german)	STANDARD PRICE 4,185.00 EUR plus VAT EARLY BIRD PRICE 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 <input type="checkbox"/> 14 th September 2020 in Munich (english) <input type="checkbox"/> 12 th October 2020 in Munich (german) <input type="checkbox"/> 16 th November 2020 in Stuttgart (english) <input type="checkbox"/> 30 th November 2020 in Dortmund (german) <input type="checkbox"/> 22 nd February 2021 in Munich (german) <input type="checkbox"/> 19 th April 2021 in Munich (german) <input type="checkbox"/> 21 st June 2021 in Dortmund (german) <input type="checkbox"/> 19 th July 2021 in Stuttgart (german) <input type="checkbox"/> 20 th September 2021 in Munich (german)	K5 – SAFETY-ORIENTATED HARDWARE DEVELOPMENT <input type="checkbox"/> 17 th September 2020 in Munich (english) <input type="checkbox"/> 15 th October 2020 in Munich (german) <input type="checkbox"/> 19 th November 2020 in Stuttgart (english) <input type="checkbox"/> 03 rd December 2020 in Dortmund (german) <input type="checkbox"/> 25 th February 2021 in Munich (german) <input type="checkbox"/> 22 nd April 2021 in Munich (german) <input type="checkbox"/> 24 th June 2021 in Dortmund (german) <input type="checkbox"/> 22 nd July 2021 in Stuttgart (german) <input type="checkbox"/> 23 rd September 2021 in Munich (german)
K3 – FROM THE RISK ANALYSIS TO THE FUNCTIONAL SAFETY CONCEPT <input type="checkbox"/> 15 th September 2020 in Munich (english) <input type="checkbox"/> 13 th October 2020 in Munich (german) <input type="checkbox"/> 17 th November 2020 in Stuttgart (english) <input type="checkbox"/> 01 st December 2020 in Dortmund (german) <input type="checkbox"/> 23 rd February 2021 in Munich (german) <input type="checkbox"/> 20 th April 2021 in Munich (german) <input type="checkbox"/> 22 nd June 2021 in Dortmund (german) <input type="checkbox"/> 20 th July 2021 in Stuttgart (german) <input type="checkbox"/> 21 st September 2021 in Munich (german)	K6 – SAFETY-ORIENTATED SOFTWARE DEVELOPMENT <input type="checkbox"/> 18 th September 2020 in Munich (english) <input type="checkbox"/> 16 th October 2020 in Munich (german) <input type="checkbox"/> 20 th November 2020 in Stuttgart (english) <input type="checkbox"/> 04 th December 2020 in Dortmund (german) <input type="checkbox"/> 26 th February 2021 in Munich (german) <input type="checkbox"/> 23 rd April 2021 in Munich (german) <input type="checkbox"/> 25 th June 2021 in Dortmund (german) <input type="checkbox"/> 23 rd July 2021 in Stuttgart (german) <input type="checkbox"/> 24 th September 2021 in Munich (german)
K4 – TECHNICAL SAFETY CONCEPT AND SYSTEM DESIGN <input type="checkbox"/> 16 th September 2020 in Munich (english) <input type="checkbox"/> 14 th October 2020 in Munich (german) <input type="checkbox"/> 18 th November 2020 in Stuttgart (english) <input type="checkbox"/> 02 nd December 2020 in Dortmund (german) <input type="checkbox"/> 24 th February 2021 in Munich (german) <input type="checkbox"/> 21 st April 2021 in Munich (german) <input type="checkbox"/> 23 rd June 2021 in Dortmund (german) <input type="checkbox"/> 21 st July 2021 in Stuttgart (german) <input type="checkbox"/> 22 nd September 2021 in Munich (german)	MODULE PRICE 790.00 EUR plus VAT x _____ Module Total = _____ .00 EUR EARLY BIRD 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	Last Name, First Name	Position, Department
Street	ZIP Code	City/Town
Company*	Telephone, Fax	E-Mail

*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.

City, Date _____ Signature _____

By filling out this form and returning it to SGS, your personal details will also be used in digital form for the handling of the planned event and, if necessary, invoicing. In all other respects, your rights pursuant to Article 13 GDPR apply.

You have the right to withdraw this consent at any time without giving any reason. Please send your withdrawal to fs.training@sgs.com.