



# ISO 26262/ISO PAS 19451 TRAINING AND QUALIFICATION FOR THE SEMICONDUCTOR DEVELOPMENT

## DESCRIPTION

The first edition of ISO 26262 is not focused on the development of semiconductors, but more and more safety mechanisms are implemented at IC and IP level of semiconductors.

With ISO PAS 19451 and the planned part 11 of ISO 26262 Edt.2 (CD) this gap will be now closed.

SGS-TÜV Saar as the global leader in Semiconductor services supplier is the first one who provides training courses to understand this semiconductor specific interpretations.

A successfully passed exam at the end of training course SC2 allows based on participation at SC1 and SC2 to bear the title **SC-AFSP** (Semiconductor Automotive Functional Professional).

## THERE ARE THREE BRAND NEW TRAINING MODULES AVAILABLE:

### CONTENT MODULE SC0 (2 HOURS WEBINAR)

- Quick overview into Functional Safety
- Introduction in ISO 26262 with respect to the semiconductor development
- The current state of the art in Functional Safety and its legal consequences

### DATES SC0

#### WEBINARS

08.02./06.06./14.11.2016 (English)  
04.04./29.08.2016 (German)

### CONTENT MODULE SC1 (1 DAY)

- Introduction in Functional Safety and ISO 26262
- Functional Safety Management
- Necessary processes in a SEooC development with focus semiconductor
- Confidence in the use of SW-tools

### DATES SC1

#### MÜNCHEN (MUNICH)

23.02./28.06./07.12.2016 (English)  
25.04.2016 (German)

#### DORTMUND

13.09.2016 (German)  
Training material only provided  
in english

### CONTENT MODULE SC2 (2 DAYS)

- Overview to the semiconductor safety lifecycle
- Step by step through a virtual semiconductor development project
  - Initiation activities
  - Necessary assumptions
  - Technical safety requirements at system and HW-level
  - Design and verification by FMEDA
  - Test and production
  - 1 hour SC-AFSP exam (optional)

### DATES SC2

#### MÜNCHEN (MUNICH)

24. + 25.02./29. + 30.06./  
08. + 09.12.2016 (English)  
26. + 27.04.2016 (German)

#### DORTMUND

14. + 15.09.2016 (German)  
each day 9 a.m. - 5 p.m.  
Training material only provided  
in english

#### TARGET GROUP

Safety Managers and developers from the semiconductor industry

#### FEES

SC0: free, SC1: 990 €, SC2: 1890 €  
700 € for the SC-AFSP qualification (optional)

#### ONLINE REGISTRATION

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

#### TRAINING LOCATIONS

Holiday Inn München-Süd (Munich)  
Kistlerhofstraße 142  
D-81379 München (Munich), Germany

SGS-TÜV Saar GmbH  
Joseph-von-Fraunhofer-Straße 13  
D-44227 Dortmund, Germany

We offer these trainings in English and German. We then can also provide at a date and location of your choice.

#### ADMINISTRATIVE ENQUIRIES

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

SGS-TÜV Saar GmbH  
Hofmannstrasse 50  
D-81379 München (Munich), Germany  
t +49 89 787475 - 283  
f +49 89 787475 - 217  
[fs.training@sgs.com](mailto:fs.training@sgs.com)  
[www.sgs-tuev-saar.com/fs-training](http://www.sgs-tuev-saar.com/fs-training)

**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**