



# ISO 26262 (PART 11)/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 based on participation at SC1 and SC2 allows 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

### 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

### 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 SC0

#### WEBINARS

21.01.2019 (English)  
29.04.2019 (German)  
27.05.2019 (English)  
05.08.2019 (German)  
14.10.2019 (English)

### DATES SC1

#### MÜNCHEN (MUNICH)

07.05.2019 (German)  
09.07.2019 (English)  
05.11.2019 (English)

#### DORTMUND

05.02.2019 (English)  
24.09.2019 (English)  
Training material only provided in english

### DATES SC2

#### MÜNCHEN (MUNICH)

08. + 09.05.2019 (German)  
10. + 11.07.2019 (English)  
06. + 07.11.2019 (English)

#### DORTMUND

06. + 07.02.2019 (English)  
25. + 26.09.2019 (English)  
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)

### TRAINING LOCATIONS

MÜNCHEN (Munich)  
Holiday Inn München-Süd  
Kistlerhofstraße 142, D-81379 München  
t +49 89 7800 - 2640  
f +49 89 7800 - 2672  
[reservierung@hi-muenchen.de](mailto:reservierung@hi-muenchen.de)

Leonardo Hotel Munich City South  
Hofmannstr. 1, D-81379 München  
t + 49 89 201801 - 0  
f + 49 89 201801 - 100  
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Technologiezentrum Dortmund GmbH  
Emil-Figge-Straße 76-80  
D-44227 Dortmund  
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f +49 231 9742 - 7349  
[do.fs@sgs.com](mailto:do.fs@sgs.com)

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:

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WHEN YOU NEED TO BE SURE

**SGS**