

# TÜV Rheinland Functional Safety Training Program

## Second Extension of FS Engineer (TÜV Rheinland) Certificate

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Since more than 15 years, the TÜV Rheinland Functional Safety Training Program has delivered a compliant independent verification of Functional Safety competency for engineers acc. to the relevant standards IEC 61508, IEC 61511, ISO 13849, IEC 62061, ISO 26262 and others.

The program and trainings have been reviewed considering updates of the standards in order to ensure the requirements for demonstrating the correct level of competence (training, know-how and experience) are satisfied.

Also the requirements acc. to IEC 61508, chapter 6.2.13 have been taken into account:

*Procedures shall be developed to ensure that all persons with responsibilities defined in accordance with 6.2.1 and 6.2.3 (i.e. including all persons involved in any overall, E/E/PE system or software lifecycle activity, including activities for verification, management of functional safety and functional safety assessment), shall have the appropriate competence (i.e. training, technical knowledge, experience and qualifications) relevant to the specific duties that they have to perform. **Such procedures shall include requirements for the refreshing, updating and continued assessment of competence.***

The procedure for the 2<sup>nd</sup> extension of validity of FS Engineer (TÜV Rheinland) certificates introduces a clear identification of revalidation of the level of competency of FS Engineers (TÜV Rheinland). The following shall be considered:

### 1. New Requirements

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Holders of the FS Engineer (TÜV Rheinland) certificate – whose certificate expires in 2020 or who wish to extend the validity in 2020 - can extend the validity for the second time for further **10 years**.

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1.1 **Recommended solution:**                      **retake of training + retake of exam.**

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1.2 **Optional solution:**                              **retake of exam + proof of continuing professional development (CPD).**

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1.3 **CPD:** Proof has to be given, that knowledge in related standards IEC 61508, IEC 61511 etc. has been updated by for example attending update or refresher courses or study of updated standards or other.

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1.4 If the exam has not been passed, re-take of the complete training is required.

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1.5 FS Engineers are free to choose the course provider, accepted within the TÜV Rheinland Functional Safety Training Program, offering the training and exam in the according application area.

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### 2. Further Information

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2.1 FS Engineers will have to register for the training and exam with the course provider directly.

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2.2 Please check our website for the training schedule of all course providers here:  
<https://www.tuv.com/landingpage/en/training-functional-safety-cyber-security/>

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# TÜV Rheinland Functional Safety Training Program

## 3. Exam

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- 3.1 The course provider will inform each participant directly by email about the exam result.
  - 3.2 Course providers send a copy of the exam to TÜV Rheinland.
  - 3.4 Upon receipt of the exam copy, TÜV Rheinland issues the FS Engineer (TÜV Rheinland) certificate to successful exam participants.
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## 4. Costs

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- 4.1 Training cost for the retake of the training are due and have to be paid to the course provider.
  - 4.2 Costs for the exam only are **Euro 500** and have to be paid to the course provider.
  - 4.3 Costs for the new certificate are **Euro 500** and will be charged additionally by TÜV Rheinland.
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## 5. FS Engineer (TÜV Rheinland) - Certificate

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- 5.1 TÜV Rheinland will send the FS Engineer (TÜV Rheinland) certificate by email as pdf scan.
  - 5.2 The certificate will be valid for further **10 years**.
  - 5.3 Holders of a valid FS Engineer (TÜV Rheinland) certificate are listed at Certipedia ([www.certipedia.com](http://www.certipedia.com)).
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## 6. ID-Number - Update

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- 6.1 The new and extended FS Engineer (TÜV Rheinland) certificate will indicate the same ID number. However, the year in which the exam has been retaken will now be indicated within the ID-number.
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- 6.2 Example:

“old”	1 <sup>st</sup> ID-Number	2157 / 10
“new”	2 <sup>nd</sup> ID-Number	2157 / 20
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## 7. Contact

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If you have any questions or wish to register for a retaking an exam, please contact:

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