

Functional Safety  
Certified Engineer Application

# Certificate FSCEA

TÜV NORD Systems GmbH & Co. KG hereby certifies that

**Christian Besold**

has successfully completed the  
Functional Safety Certified Engineer Application Workshop  
and fulfils the qualification criteria for the  
**F**unctional **S**afety **C**ertified **E**ngineer **A**pplication

## IEC 61511

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- Functional Safety Management (FSM)
  - Life Cycle Model – from concept through hazard and risk analysis up to decommissioning
  - Design of Safety Instrumented Systems
  - SIS Software and Documentation
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