

Functional Safety
Certified Engineer Application

Certificate FSCEA

TÜV NORD Systems GmbH & Co. KG hereby certifies that

Markus Holderbaum

has successfully completed the
Functional Safety Certified Engineer Application Workshop
and fulfils the qualification criteria for the
Functional Safety Certified Engineer Application

IEC 61511

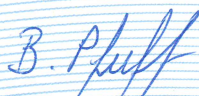
- Functional Safety Management (FSM)
- Life Cycle Model – from concept through hazard and risk analysis up to decommissioning
- Design of Safety Instrumented Systems
- SIS Software and Documentation

Certificate No.: A031_02043/22

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Valid to: 2025-04

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