

# Certificate



## Functional Safety Management

**FS Management (TÜV Rheinland)**  
IEC 61511-1:2016 - SIS Integration (Phase 4)  
FSM 124

**Certificate No.** 968/FSM 124.09/19

**Certified Company & Location**  
**ABB A/S**  
Emil Neckelmanns Vej 14  
5220 Odense SØ  
Denmark



**Scope of Certification** **Safety Instrumented Systems Integration, related to IEC 61511-1:2016 - Phase 4 (Design & Engineering)**

The certified company has successfully demonstrated during an audit process that a Functional Safety Management System has been implemented and applied accordingly.

The Scope of Certification **SIS Integration** covers integration of **Safety Instrumented Systems (limited to Logic Solver)** for the **Process Industry** up to and including **Safety Integrity Level 3 (SIL3)**.

The following phase activities are considered: **SIS design, configuration, application programming, assembly** and **test** as well as **safety parameters calculation**.

The IEC 61511 is the basic standard for this FSM Certification; however relevant clauses of the **IEC 61508:2010** standard are used complementarily.

As part of the audit process organizational and informational exchange / supply related to other respective Safety Lifecycle Phases between the Certified Company and its customer is considered.

This FSM Certification only refers to the listed company locations and their involved departments, which comply with the organizational FSM requirements for the listed Scope of Certification.

It does not replace approval or certification for specific SIS Integrations.

**Validity** This certificate is valid until 2021-08-31

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Cologne, 2019-01-17 Dr.-Ing. Thorsten Gantevoort

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Certification Body Safety & Security for Automation & Grid  
Further information referring to the scope of certification, see <http://www.tuvasi.com>