

# Certificate



## Functional Safety Management

**FS Management (TÜV Rheinland)**  
IEC 61511-1:2016 - SIS Integration (Phase 4)  
FSM 147

**Certificate No.** 968/FSM 147.06/19

**Certified Company & Location**  
**ABB AS**  
Energy Industries  
Ole Deviks Vei 10, PO Box 6359 Etterstad  
0666 Oslo  
**Norway**



for further regional locations see appendix

**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), Systematic Capability (SC3)**. 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 2021-06-30

**TÜV Rheinland Industrie Service GmbH**  
Bereich Automation  
Funktionale Sicherheit  
Am Grauen Stein, 51105 Köln

Cologne, 2019-01-24 Dr.-Ing. Thorsten Gantevoort

TÜV Rheinland  
Industrie Service GmbH  
Automation and Functional Safety  
Am Grauen Stein  
51105 Cologne - Germany

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

## Certificate Attachment

**This Attachment forms  
integral part of:**

**Certificate No.968/FSM 147.06/19,  
dated 24<sup>th</sup> January 2019.**

**Certified Company  
& Locations**

ABB AS  
Energy Industries  
Ole Deviks vei 10  
PO Box 6359 Etterstad  
Oslo 0666,  
NORWAY

**Other regional Locations:**

ABB AS  
Kokstadvegen 23B  
5257 Kokstad (Bergen)  
NORWAY

ABB AS  
Christian August Thorings vei 7  
4033 Stavanger  
NORWAY

ABB AS  
Hamnegata 14  
5404 Stord  
NORWAY

Head of Certification Body for FSM –Systems (TÜV Rheinland)

TÜV Rheinland Industrie Service GmbH  
Automation - Functional Safety  
Am Grauen Stein  
51105 Cologne – Germany

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