

Certificate



Functional Safety Management

FS Management (TÜV Rheinland)

IEC 61511-1:2016 - SIS Integration (Phase 4), SIS Service (Phase 6 and 7)
FSM 163 - ABB Centralized Group Certification

Certificate No.

968/FSM 163.04/23

Certified Company & Location

ABB Group Headquarters
Process Automation Business Line
Division Energy Industries
Affolternstrasse 44
8050 Zurich
Switzerland



Scope of Certification

Centralized Group Certification for IEC 61511-1:2016
considering the following Safety Life-Cycle Phases

Phase 4 - Design and Engineering for SIS Integration
Phase 6 - Operation and Maintenance for SIS Service
Phase 7 - Modification for SIS Service

Details and limitations regarding the **Technical Scope and Local Scope of Certification** of committed Local Division Units are listed in the **Certificate Appendix 968/FSM163.03/21**, which forms integral part of this certificate. Latest revision of the Certificate Appendix could be found following the **QR-Code** above or could be found on <https://www.certipedia.com/fs-products>.

The certified company organization and its **committed Local Division Units** as listed in attached **Certificate Appendix** have successfully demonstrated during an audit process that a **Functional Safety Management System** has been implemented and applied.

This certification is related to **IEC 61511-1:2016** for **Process Industry**, up to and including **Systematic Capability 3 (SC3)** and **Safety Integrity Level 3 (SIL3)**, limited to the **Logic Solver Sub-System**.

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

This certificate does not imply approval or certification for specific SIS Integrations.

Validity

This certificate is valid until 2025-12-31

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Cologne, 2023-04-19

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Certification Body Safety & Security for Automation & Grid
Further information referring to the scope of certification, see <http://www.tuvasi.com>. The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSM V1.0:2018 in its actual version, whose results are documented in Report No. 968/FSM 163.04/23 dated 2023-04-12. Issued by the certification body accredited by DAkkS according to DIN EN ISO/IEC 17065. The accreditation is only valid for the scope listed in the annex to the accreditation certificate D-ZE-11052-02-01.