

Certificate Appendix, revision 2023-04-27

This appendix forms integral part of Certificate No. 968/FSM 163.04/23, dated 2023-04-18

Certificate Holder	ABB Group Headquarters Process Automation Business Line Division Energy Industries Affolternstrasse 44 8050 Zurich Switzerland
Legal Responsibility	ABB AS Snaroyveien 30 Fornebu Viken 1360 Norway
Overall FSM Responsibility	ABB PAEN FSM Technical Authority Process Automation Energy Industries

Details and limitations regarding the Local Scope of Certification *:

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

Details and limitations regarding the Technical Scope of Certification **:

This FSM Certification is related for Process Industry, up to and including Systematic Capability 3 (SC3) and Safety Integrity Level 3 (SIL3), **limited to the Logic Solver Sub-System**.

Full phase responsibility for SIS Integrations according to IEC 61511-1:2016, Safety Life-Cycle Phase 4 - Design and Engineering,

considering the following phase activities:

SIS design, configuration, application program development, assembly, test and safety parameters calculation.

Limited phase responsibility for SIS Services according to IEC 61511-1:2016, Safety Life-Cycle Phase 6 - Operation and Maintenance,

considering the following services on behalf of Plant Operators / End Users regarding "SIS Preventative Maintenance and SIS Corrective Maintenance":

Repair like for like, inspection, proof testing.

Note: Operational responsibilities are excluded.

Limited phase responsibility for SIS Services according to IEC 61511-1:2016, Safety Life-Cycle Phase 7 - Modification,

considering the following services on behalf of Plant Operators / End Users regarding "Installed SIS modification related to SIS Integration of Phase 4 - Design and Engineering":

Factory based phase 4 activities.

Levels of Certification ***:

Regarding the definition of **Maturity Levels** see latest **Certification Regulation** or information published on <https://fs-products.tuvasi.com/pages/fsm>.

ABB PAEN Local Division Unit	# of Offices	* Local Scope of Certification	** Technical Scope of Certification	*** Maturity Level
Canada	1	ABB Inc. 3450 Harvester Rd. Burlington, Ontario L7N 3W5 Canada	SIS Integration – Phase 4 SIS Service – Phase 7	4
Czech Republic (EUOPC)	1	ABB s.r.o. Operation Centre Europe Nova Karolina Park 28. rijna 3348/65 702 00 Ostrava Czech Republic	SIS Integration – Phase 4 SIS Service – Phase 7	4
Denmark	1	ABB A/S Emil Neckermans Vej 14 5220 Odense SO Denmark	SIS Integration – Phase 4 SIS Service – Phase 7	4
Germany	1	ABB AG Local Division Energy Industries Local Product Group Chemicals & Refining Stierstädter Str. 5 60488 Frankfurt Germany	SIS Integration – Phase 4 SIS Service – Phase 7	4
India (INOPC PA)	1	ABB Global Industries & Services Private Limited Operation Centre India, Process Automation Operations, ABB Ability Innovation Centre Plot No. 33, 34, 36, 2nd Stage Brigade Southfield, Off Whitefield Road Mahadevapura Post, Doddanakundi Indl Area Bangalore, Karnataka, India	SIS Integration – Phase 4 SIS Service – Phase 7	4
Italy	2	ABB S.p.A. Process Automation Business Line Division Energy Industries Via Lama, 33 20099 - Sesto San Giovanni (Milan) Italy	SIS Integration – Phase 4 SIS Service – Phase 7	4
		ABB S.p.A. Process Automation Business Line Division Energy Industries Via Albareto, 35 16153–Genova Sestri Ponente (Genoa) Italy	SIS Integration – Phase 4 SIS Service – Phase 7	4
Norway	4	ABB AS Snarøyveien 30 1360 Fornebu Norway	SIS Integration – Phase 4 SIS Service – Phase 7	4
Singapore	1	ABB Pte Ltd. Singapore Safety Execution Centre 2 Ayer Rajah Crescent Singapore 139935	SIS Integration – Phase 4 SIS Service – Phase 7	4

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United Kingdom	1	ABB Limited. Howard Road Eaton Socon St Neots Cambridgeshire United Kingdom	SIS Integration – Phase 4 SIS Service – Phase 6 SIS Service – Phase 7	4
United States of America	1	ABB Inc. 3700 W Sam Houston Parkway S Suite 600 Houston Texas 77042 United States of America	SIS Integration – Phase 4 SIS Service – Phase 7	3
United Arab Emirates	1	ABB Transmission & Distribution Ltd LLC Main Office Building Sector M2, Plot 16 Industrial Area Mussafah Abu Dhabi United Arab Emirates	SIS Integration – Phase 4 SIS Service – Phase 7	3
China	2	ABB Engineering (Shanghai)Ltd. No.4528, Kangxin Highway Pudong District Shanghai, 201319 China	SIS Integration – Phase 4 SIS Service – Phase 7	3
		ABB (China) Limited Universal Plaza, 10 Jiuxianqiao Lu Chaoyang District Beijing 100016 China	SIS Integration – Phase 4 SIS Service – Phase 7	3

Important Notes:

Further information and validity of certification can be found on <https://www.certipedia.com/fs-products>.

Head of Certification Body for Certification of Management Processes

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