



STS Directory

Accreditation number: STS 0015

International standard: ISO/IEC 17025:2017
Swiss standard: SN EN ISO/IEC 17025:2018

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Initial accreditation: 04.12.1992
Current accreditation: 20.12.2020 to 19.12.2025
Scope of accreditation see: www.sas.admin.ch (Accredited bodies)

Scope of accreditation as of 20.12.2020

Testing laboratory for electromagnetic compatibility, as well as safety testing, environmental and mechanical simulation for components

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Electrical Equipment and Installations	Electromagnetic compatibility Emission, Basic Standards	
	Disturbance voltages and currents frequency range: f = 9 kHz - 30 MHz	EN 55016-1-1, CISPR 16-1-1, EN 55016-1-2, CISPR 16-1-2, EN 55016-2-1, CISPR 16-2-1
	Test item in product standards	Application of the above test item, required in EMC product standards, among others:
Generic standards	Disturbance voltages and currents	EN 61000-6-3 ^{K)} , IEC 61000-6-3 ^{K)} , EN 61000-6-4 ^{K)} , IEC 61000-6-4 ^{K)}
Industrial, scientific and medical radio-frequency equipment	Disturbance voltages and currents	EN 55011 ^{K)} , CISPR 11 ^{K)}
Adjustable speed electrical power drive systems	Disturbance voltages and currents	EN 61800-3 ^{K)} , IEC 61800-3 ^{K)}



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Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Components testing	Electrical safety	
	Passive filter units for electromagnetic interference suppression	EN 60939-1, IEC 60939-1, EN 60939-2, IEC 60939-2 EN 60393-3, IEC 60939-3
	Fixed capacitors for electromagnetic interference suppression and connection to the supply mains	EN 60384-1, IEC 60384-1 EN 60384-14, IEC 60384-14
Electrical and electronic components	Fixed inductors for electromagnetic interference suppression	EN 60938-1, IEC 60938-1 EN 60938-2, IEC 60938-2
	Environmental simulation, mechanical and climatic tests, solderability	
	General and guidance	EN 60068-1, IEC 60068-1
	Cold	EN 60068-2-1, IEC 60068-2-1
	Dry heat	EN 60068-2-2, IEC 60068-2-2
	Change of temperature	EN 60068-2-14, IEC 60068-2-14
	Vibration (sinusoidal)	EN 60068-2-6, IEC 60068-2-6
	Vibration, broad-band random (digital control)	EN 60068-2-64, IEC 60068-2-64
	Shock	EN 60068-2-27, IEC 60068-2-27
	Rough handling shocks	EN 60068-2-31, IEC 60068-2-31
	Damp heat, steady state	EN 60068-2-78, IEC 60068-2-78
	Solderability and resistance to soldering heat	EN 60068-2-20, IEC 60068-2-20
	Robustness of terminations	EN 60068-2-21, IEC 60068-2-21
	Damp heat, cyclic	EN 60068-2-30, IEC 60068-2-30
	Composite temperature/humidity cyclic test	EN 60068-2-38, IEC 60068-2-38
	Immersion in cleaning solvents	EN 60068-2-45, IEC 60068-2-45
Vibration	MIL-STD-202, Method 201A	
Vibration, High Frequency	MIL-STD-202, Method 204D	
Shock (Specified Pulse)	MIL-STD-202, Method 213B	
Vibration random	MIL-STD-202, Method 214A	

1) Scope of accreditation type A (fix)

2) Scope of accreditation type B (flexible)

3) Scope of accreditation type C (flexible)

Definition of flexibility see SAS Document 741



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Restrictions and comments

- K) The test method “Disturbance voltages and currents” is only one of several EMC test items in the EMC product standards.

In case of contradictions in the language versions of the directories, the German version shall apply.

Abbreviation	Signification
EMC	Electromagnetic compatibility

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