



STS Directory

Accreditation number: STS 0307

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

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Initial accreditation: 14.06.2001
Current accreditation: 14.06.2021 to 13.06.2026
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 14.06.2021

Testing laboratory for concrete, mortar, soils and in situ tests

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)
(Hardened) concrete	Determination of water infiltration rate (porosity)	SIA 262/1 appendix A resp. SN 505 262/1
	Determination of the Freeze-thaw resistance	SIA 262/1 appendix C resp. SN 505 262/1
	Determination of resistance to carbonation	SIA 262/1 appendix I resp. SN 505 262/1
	Determination of the flexural tensile strength according to norm: Betondecken	SN 640 461
	Determination of secant modulus of elasticity in compression	SN EN 12390-13 resp. SIA 262.263
	Determination of the shrinkage of concrete	SN EN 12390-16 resp. SIA 262.266
	Making and curing specimens for strength tests	SN EN 12390-2 resp. SIA 262.252



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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)
Fresh concrete and mortar	Compressive Strength of test specimens	SN EN 12390-3 resp. SIA 262.253
	Determination of flexural strength of test specimens	SN EN 12390-5 resp. SIA 262.255
	Measurement of bond strength by pull-off (Products and systems for the protection and repair of concrete structures)	SN EN 1542 resp. SIA 162.421
	Determination of the water content of freshly mixed concrete	SIA 262/1 appendix H resp. SN 505 262/1
	Sampling fresh concrete	SN EN 12350-1 resp. SIA 262.231
	Slump test	SN EN 12350-2 resp. SIA 262.232
	Determination of degree of compactability	SN EN 12350-4 resp. SIA 262.234
Concrete structures and elements	Flow table test	SN EN 12350-5 resp. SIA 262.235
	Determination of Density	SN EN 12350-6 resp. SIA 262.236
	Determination of air content; Pressure methods	SN EN 12350-7 resp. SIA 262.237
	Taking, examining and testing in compression cored specimens of concrete in structures	SN EN 12504-1 resp. SIA 262.213
Soft rocks, soils, ground	Determination of chloride content in hardened concrete - Products and systems for the protection and repair of concrete structures	SN EN 14629 resp. SIA 262.496
	Determination of carbonation depth in hardened concrete by the phenolphthalein method - Products and systems for the protection and repair of concrete structures	SN EN 14630 resp. SIA 262.495
Soft rocks, soils, ground	Determination of the water content of soils	ISO/TS 17892-1 resp. SN 670 340-1
	Determination of the water content by drying in a ventilated oven	SN EN 1097-5 resp. SN 670 903-5, modified procedure



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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)
Soils, underground and rocks: in situ tests	Determination of particle size distribution of aggregates - Sieving Method EV and ME-plate bearing test (soils)	SN EN 933-1 resp. SN 670 902-1, modified procedure SN 670 317

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

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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