



STS Directory

Accreditation number: STS 0307

International standard: ISO/IEC 17025:2005
Swiss standard: SN EN ISO/IEC 17025:2005

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Initial accreditation: 14.06.2001
Current accreditation: 14.06.2016 to 13.06.2021
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 15.01.2019

Testing laboratory for concrete, mortar, natural stone, 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 shrinkage	SIA 262/1 appendix F 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 bzw. SIA 262.263
	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)
(Hardened) concrete	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
Fresh concrete and mortar	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
	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
Concrete structures and elements	Taking, examining and testing in compression cored specimens of concrete in structures	SN EN 12504-1 resp. SIA 262.213
	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)
Soft rocks, soils, ground	Determination of particle size distribution of aggregates - Sieving Method	SN EN 933-1 resp. SN 670 902-1, modified procedure
Soils, underground and rocks: in situ tests	EV and ME-plate bearing test (soils)	SN 670 317

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