



STS Directory

Accreditation number: STS 0239

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

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Initial accreditation: 06.12.1999
Current accreditation: 06.12.2019 to 05.12.2024
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 06.12.2019

Testing laboratory for concrete, mortar and aggregates

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 Determination of the resistance to chlorides Determination of the Freeze-thaw resistance Determination of the resistance to sulfates Determination of resistance to carbonation Making and curing specimens for strength tests Compressive Strength of test specimens	SIA 262/1 appendix A resp. SN 505 262/1 SIA 262/1 appendix B resp. SN 505 262/1 SIA 262/1 appendix C resp. SN 505 262/1 SIA 262/1 appendix D resp. SN 505 262/1 SIA 262/1 appendix I resp. SN 505 262/1 SN EN 12390-2 resp. SIA 262.252 SN EN 12390-3 resp. SIA 262.253



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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	Determination of the depth of penetration of water under pressure	SN EN 12390-8 resp. SIA 262.258
	Determination of energy absorption capacity of fibre reinforced slab specimens (Testing sprayed concrete)	SN EN 14488-5 resp. SIA 262.605
	Determination of fibre content of fibre reinforced concrete (Testing sprayed concrete)	SN EN 14488-7 resp. SIA 262.607
	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
	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
	Slump-flow test (Self- compacting concrete)	SN EN 12350-8 resp. SIA 262.238
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
(Mineral-) aggregates, sand, gravel, coarse aggregates, crushed stones, filler, unbound materials, etc.	Sedimentation analysis, areometer method (mineral aggregates)	SN 670 816, repealed standard
	Determination of resistance of aggregates to fragmentation	SN EN 1097-2 resp. SN 670 903-2



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(Mineral-) aggregates, sand, gravel, coarse aggregates, crushed stones, filler, unbound materials, etc. Soils, underground and rocks: in situ tests Road construction and waterproofing: in situ tests	Methods for sampling aggregates Determination of particle size distribution of aggregates - Sieving Method EV and ME-plate bearing test (soils) Standard Test Method for Density (degree of compaction) of Bituminous Concrete (pavements) in Place by Nuclear Methods	SN EN 932-1 resp. SN 670 901-1 SN EN 933-1 resp. SN 670 902-1 SN 670 317 ASTM D2950, modified procedure

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