



STS Directory

Accreditation number: STS 0269

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

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Initial accreditation: 11.08.2000
Current accreditation: 11.08.2020 to 10.08.2025
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 20.12.2022

Testing laboratory for concrete, mortar, bituminous mixtures, aggregates, 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 compressive strength of concrete cubes according to norm: Shape, dimensions and other requirements for specimens and moulds	SN EN 12390-1 resp. SIA 262.251
	Making and curing specimens for strength tests	SN EN 12390-2 resp. SIA 262.252
	Compressive Strength of test specimens	SN EN 12390-3 resp. SIA 262.253
	Determination of Density of hardened concrete	SN EN 12390-7 resp. SIA 262.257
Fresh concrete and mortar	Determination of the water content of freshly mixed concrete	SIA 262/1 appendix H resp. SN 505 262/1



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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	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
	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
Concrete and mortar: in situ tests	Measurement of bond strength by pull-off	SN EN 1542 resp. SIA 162.421
	Determination of rebound number (Schmidt Hammer) of concrete in structures - Non-destructive testing	SN EN 12504-2 resp. SIA 262.214
(Mineral-) aggregates, sand, gravel, coarse aggregates, crushed stones, filler, unbound materials, etc.	Determination of resistance of aggregates to fragmentation	SN EN 1097-2
	Determination of particle density and water absorption of aggregates	SN EN 1097-6:2014 resp. SN 670 903-6
	Methods for reducing laboratory samples of aggregates	SN EN 932-2 resp. SN 670 901-2
	Determination of particle size distribution of aggregates - Sieving Method	SN EN 933-1 resp. SN 670 902-1
	Determination of Particle Shape of aggregates - Flakiness Index	SN EN 933-3 resp. SN 670 902-3
	Determination of flow coefficient of aggregates	SN EN 933-6 resp. SN 670 902-6



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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	Standard Test Method for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	ASTM D6938
Bituminous mixtures	ME-plate bearing test (soils)	SN 670 317 (old Nr., not valid)
	Soluble binder content determination of mix asphalt	SN EN 12697-1
	Determination of particle size distribution of hot mix asphalt	SN EN 12697-2
	Sampling bituminous mixtures	SN EN 12697-27 resp. SN 670 427
	Preparation of samples for determining binder content, water content and grading	SN EN 12697-28
	Determination of the dimensions of bituminous specimen	SN EN 12697-29
	Specimen preparation by impact compactor	SN EN 12697-30
	Marshall test	SN EN 12697-34
	Determination of the maximum density of hot mix asphalt	SN EN 12697-5
	Determination of bulk density of bituminous specimens	SN EN 12697-6
Determination of void characteristics of bituminous specimens	SN EN 12697-8	
Road construction and waterproofing: in situ tests	Standard Test Method for Density (degree of compaction) of Bituminous Concrete in Place by Nuclear Methods	ASTM D2950

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