



## STS Directory

Accreditation number: STS 0020

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

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Initial accreditation: 07.04.1993

Current accreditation: 07.04.2023 to 06.04.2028

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Scope of accreditation see: [www.sas.admin.ch](http://www.sas.admin.ch)  
(Accredited bodies)

### Scope of accreditation as of 07.04.2023

#### Testing laboratories for tests and controls of concrete, aggregates, bituminous binders, bituminous mixtures and building examination

Group of products or materials, field of activity	Principle of measurement <sup>2)</sup> (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
(Hardened) concrete	Determination of water infiltration rate	SIA 262/1 appendix A resp. SN 505 262/1 (1)
	Determination of the Freeze-thaw resistance	SIA 262/1 appendix C resp. SN 505 262/1 (1)
	Determination of resistance to carbonation	SIA 262/1 appendix I resp. SN 505 262/1 (1)
	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 (1) (2)
	Making and curing specimens for strength tests	SN EN 12390-2 resp. SIA 262.252 (1) (2)
	Compressive Strength of test specimens	SN EN 12390-3 resp. SIA 262.253 (1) (2)
	Determination of density for hardened concrete	SN EN 12390-7 resp. SIA 262.257 (1) (2)

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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Group of products or materials, field of activity	Principle of measurement <sup>2)</sup> (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Fresh concrete and mortar	Determination of the water content of freshly mixed concrete	SIA 262/1 appendix H resp. SN 505 262/1 (1) (2)
	Sampling fresh concrete	SN EN 12350-1 resp. SIA 262.231 (1) (2)
	Slump test	SN EN 12350-2 resp. SIA 262.232 (1) (2)
	Determination of degree of compactability	SN EN 12350-4 resp. SIA 262.234 (1) (2)
	Flow table test	SN EN 12350-5 resp. SIA 262.235 (1) (2)
	Determination of density	SN EN 12350-6 resp. SIA 262.236 (1) (2)
	Determination of air content; Pressure methods	SN EN 12350-7 resp. SIA 262.237 (1) (2)
(Mineral-)aggregates, sand, gravel, coarse aggregates, crushed stones, filler, unbound materials, etc.	Determination of resistance of aggregates to fragmentation	SN EN 1097-2 (1)
	Determination of the water content of aggregates by drying in a ventilated oven	SN EN 1097-5 resp. SN 670 903-5 (1) (2)
	Determination of particle size distribution of aggregates - Sieving Method	SN EN 933-1 resp. SN 670 902-1 (1) (2)
	Determination of Particle Shape of aggregates - Flakiness Index	SN EN 933-3 resp. SN 670 902-3 (1) (2)
	Determination of particle shape of aggregates; shape index	SN EN 933-4 resp. SN 670 902-4 (1) (2)
	Determination of percentage of crushed and broken surfaces in coarse aggregate particles	SN EN 933-5 resp. SN 670 902-5 (1) (2)
Soils, underground and rocks: in situ tests	EV and ME-plate bearing test (soils)	VSS 70317 (1) (2)
Bituminous binders	Determination of the penetration index PI according to norm: Specifications for paving grade bitumen	SN EN 12591 resp. SN 670 202 (1) (2)
	Bitumen recovery: Rotary evaporator (trichloroethylene)	SN EN 12697-3 (1) (2)
	Determination of needle penetration	SN EN 1426 resp. SN 670 511 (1) (2)
	Determination of softening point Ring and Ball method	SN EN 1427 resp. SN 670 512 (1) (2)



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Bituminous binders	Sampling bituminous binders	SN EN 58 resp. SN 670 501 (1) (2)
	Determination of the elastic recovery of modified bitumen	SN EN 13398 resp. SN 670 547 (1)
Bituminous mixtures	Determination of the interlayer bonding - Shear Bond Test (SBT)	SN EN 12697-48 (1)
	Soluble binder content determination of mix asphalt	SN EN 12697-1 (1) (2)
	Determination of the water sensitivity of bituminous specimens	SN EN 12697-12 (1)
	Determination of particle size distribution of hot mix asphalt	SN EN 12697-2 (1) (2)
	Wheel tracking	SN EN 12697-22 (1)
	Determination of the indirect tensile strength of bituminous specimens	SN EN 12697-23 (1)
	Sampling bituminous mixtures	SN EN 12697-27 resp. SN 670 427 (1) (2)
	Determination of the dimensions of bituminous specimen	SN EN 12697-29 (1) (2)
	Specimen preparation by impact compactor	SN EN 12697-30 (1) (2)
	Specimen prepared by roller compactor	SN EN 12697-33 (1)
	Marshall test	SN EN 12697-34 (1) (2)
	Determination of the maximum density of hot mix asphalt	SN EN 12697-5 (1) (2)
Determination of bulk density of bituminous specimens	SN EN 12697-6 (1) (2)	
Determination of void characteristics of bituminous specimens	SN EN 12697-8 (1) (2)	

In case of contradictions between the language versions of the directories, the French version shall prevail.

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