



STS Directory

Accreditation number: STS 0449

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

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Initial accreditation: 02.12.2005
Current accreditation: 02.12.2020 to 01.12.2025
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 25.01.2023

Testing laboratory for concrete, aggregates, soils, bituminous mixtures 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	SIA 262/1 appendix A resp. SN 505 262/1
	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
	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



STS Directory

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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
Concrete structures and elements	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.	Determination of the water content of aggregates by drying in a ventilated oven	SN EN 1097-5 resp. SN 670 903-5
	Determination of particle size distribution of aggregates - Sieving Method	SN EN 933-1 resp. SN 670 902-1, modified procedure
	Determination of particle size distribution of aggregates - Sieving Method after washing (fresh concrete)	SN EN 933-1 resp. SN 670 902-1, modified procedure
	Determination of particle size distribution of aggregates - Sieving Method after washing with solvent	SN EN 933-1 resp. SN 670 902-1, modified procedure
Methylene blue test for assessment of fines of aggregates	SN EN 933-9:2014 resp. SN 670 902-9	
Soils, underground and rocks: in situ tests	ME-plate bearing test (soils)	SN 670 317 a (old Nr, no more valid)
Bituminous binders	Determination of the penetration index PI according to norm: Specifications for paving grade bitumen	SN EN 12591 resp. SN 670 202-NA
	Determination of Fraass breaking point	SN EN 12593 resp. SN 670 507
Bituminous binders	Bitumen recovery: Rotary evaporator	SN EN 12697-3



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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)
Bituminous binders	Determination of needle penetration	SN EN 1426 resp. SN EN 670 511
	Determination of softening point Ring and Ball method	SN EN 1427 resp. SN EN 670 512
Bituminous mixtures	Soluble binder content determination of mix asphalt	SN EN 12697-1
	Determination of the water sensitivity of bituminous specimens	SN EN 12697-12
	Determination of particle size distribution of hot mix asphalt	SN EN 12697-2
	Determination of the indirect tensile strength of bituminous specimens	SN EN 12697-23
	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	Benkelman beam deflexion test; instrument, operating instructions and results analysis	SN 670 362 (old Nr, no more valid)

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

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