



## STS Directory

Accreditation number: STS 0487

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

BLZ Baulabor Zentralschweiz AG  
Alte Zugerstrasse 10  
6403 Küssnacht am Rigi

Head: Iwan Wolf  
Responsible for MS: Manuela Wolf-Zwyer  
Telephone: +41 41 850 88 92  
E-Mail: iwan.wolf@blzag.ch  
Internet: http://www.blzag.ch  
Initial accreditation: 01.06.2007  
Current accreditation: 01.06.2017 to 31.05.2022  
Scope of accreditation see: www.sas.admin.ch (Accredited bodies)

### Scope of accreditation as of 18.12.2019

#### Testing laboratory for bituminous materials, concrete, aggregates and in situ tests

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	Making and curing specimens for strength tests	SN EN 12390-2 resp. SIA 262.252
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



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Fresh concrete and mortar	Determination of air content; water column 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
	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
(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 density and water absorption of aggregates	SN EN 1097-6 resp. SN 670 903-6
	Methods for sampling aggregates	SN EN 932-1 resp. SN 670 901-1
	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
Soils, underground and rocks: in situ tests	VSS apparatus (soils) for EV and ME-plate bearing test (apparatus requirements - soil test)	SN 670 312
	EV and ME-plate bearing test (soils)	SN 670 317
Soft rocks, soils, ground	Test of swelling due to freeze and CBR test of soils after thaw (CBR <sub>F</sub> )	SN 670 321
	Test methods for laboratory reference density and water content – Proctor compaction	SN EN 13286-2 resp. SN 670 330-2
	Test method for the determination of California bearing ratio, immediate bearing index and linear swelling	SN EN 13286-47 resp. SN 670 330-47



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Bituminous binders	Determination of the penetration index PI according to norm: Specifications for paving grade bitumen	SN EN 12591 resp. SN 670 202-NA
	Bitumen recovery: Rotary evaporator	SN EN 12697-3 resp. SN 670 403
	Characterization of perceptible properties	SN EN 1425 resp. SN 670 503
	Determination of needle penetration	SN EN 1426 resp. SN 670 511 a
	Determination of softening point Ring and Ball method	SN EN 1427 resp. SN 670 512
	Sampling bituminous binders	SN EN 58 resp. SN 670 501
Bituminous mixtures	Determination of layers adhesion (Leutner)	SN 670 461
	Soluble binder content determination of mix asphalt	SN EN 12697-1 resp. SN 670 401
	Determination of particle size distribution of hot mix asphalt	SN EN 12697-2 resp. SN 670 402
	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 resp. SN 670 428
	Specimen preparation by impact compactor	SN EN 12697-30 resp. SN 670 430
	Marshall test	SN EN 12697-34 resp. SN 670 434
	Determination of the maximum density of hot mix asphalt	SN EN 12697-5 resp. SN 670 405
	Determination of bulk density of bituminous specimens	SN EN 12697-6 resp. SN 670 406
Determination of void characteristics of bituminous specimens	SN EN 12697-8 resp. SN 670 408	
Road construction and waterproofing: in situ tests	Control of the geometry - Flatness	SN 640 520

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