



STS Directory

Accreditation number: STS 0510

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

Hauptsitz (Lab 1)
Holcim (Suisse) SA
Laboratoire des matériaux
1312 Eclépens

Labor Würenlingen (Lab 2)
Holcim (Schweiz) AG
Materiallabor
Industriestrasse 12
5303 Würenlingen

Labor Manno (Lab 3)
Holcim (Svizzera) SA
Laboratorio materiali
Via Pianon
6928 Manno

Labor Birsfelden (Lab 4)
Holcim (Schweiz) AG
Materiallabor
Langenhagstrasse 40
4127 Birsfelden

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Initial accreditation: 09.01.2009
Current accreditation: 09.01.2019 to 08.01.2024
Scope of accreditation see: www.sas.admin.ch (Accredited bodies)

Scope of accreditation as of 24.05.2022

Testing laboratory for concrete and aggregates

Group of products or materials, field of activity	Principle of measurement ³⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)	Lab
(Hardened) concrete	Microscopic examination (textural analysis on thin section)	In-house procedure	1
	Performance test - reactivity of a concrete mixture against alkali reaction (AAR)	NF P18-454	1
	Determination of water infiltration rate	SIA 262/1 appendix A resp. SN 505 262/1	1, 2



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(Hardened) concrete	Determination of the resistance to chlorides	SIA 262/1 appendix B resp. SN 505 262/1	1, 2
	Determination of the Freeze-thaw resistance	SIA 262/1 appendix C resp. SN 505 262/1	1, 2
	Determination of the resistance to sulfates	SIA 262/1 appendix D resp. SN 505 262/1	1
	Resistance to alkali-aggregate reaction (AAR): performance test	SIA 262/1 appendix G resp. SN 505 262/1	1
	Determination of resistance to carbonation	SIA 262/1 appendix I resp. SN 505 262/1	1
	Determination of secant modulus of elasticity in compression	SN EN 12390-13 bzw. SIA 262.263	1, 2
	Making and curing specimens for strength tests	SN EN 12390-2 resp. SIA 262.252	1, 2, 3, 4
	Compressive Strength of test specimens	SN EN 12390-3 resp. SIA 262.253	1, 2, 3, 4
	Determination of the depth of penetration of water under pressure	SN EN 12390-8 resp. SIA 262.258	1
	Determination of the freeze-thaw resistance	VSS Bericht Nr. 1554: "Evaluation des Frosttaumittelwiderstandes von Beton" - "TFB-Prüfung, modifiziertes Verfahren gemäss Cementbulletin 10/1986"	1
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, 3, 4
	Sampling fresh concrete	SN EN 12350-1 resp. SIA 262.231	1, 2, 3, 4
	Slump test	SN EN 12350-2 resp. SIA 262.232	1, 2, 3, 4
	Determination of degree of compactability	SN EN 12350-4 resp. SIA 262.234	1, 2, 3, 4
	Flow table test	SN EN 12350-5 resp. SIA 262.235	1, 2, 3, 4
	Determination of Density	SN EN 12350-6 resp. SIA 262.236	1, 2, 3, 4
	Determination of air content; Pressure methods	SN EN 12350-7 resp. SIA 262.237	1, 2, 3, 4



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Fresh concrete and mortar (Mineral-) aggregates, sand, gravel, coarse aggregates, crushed stones, filler, unbound materials, etc.	Slump-flow test (Self- compacting concrete)	SN EN 12350-8 resp. SIA 262.238	1, 2, 3, 4
	Microbar test - Test methods of reactivity against alkali of aggregates	SIA guideline 2042, appendix E	1
	Mineralogy and qualitative and quantitative petrography of aggregates	SN 670 115	1
	Determination of resistance of aggregates to fragmentation	SN EN 1097-2 resp. SN 670 903-2	2
	Determination of loose bulk density and voids of aggregates	SN EN 1097-3 resp. SN 670 903-3	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, 3
	Determination of particle density and water absorption of aggregates	SN EN 1097-6 resp. SN 670 903-6	1
	Determination of particle size distribution of aggregates - Sieving Method	SN EN 933-1 resp. SN 670 902-1	1, 2, 3
	Tests for geometrical properties of aggregates - Classification test for the constituents of coarse recycled aggregate	SN EN 933-11 resp. SN 670 902-11	1, 2
	Determination of Particle Shape of aggregates - Flakiness Index	SN EN 933-3 resp. SN 670 902-3	1, 2, 3
	Determination of percentage of crushed and broken surfaces in coarse aggregate particles	SN EN 933-5 resp. SN 670 902-5	1, 2
Determination of flow coefficient of aggregates	SN EN 933-6 resp. SN 670 902-6	1, 2	

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

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