



STS Directory

Accreditation number: **STS 0510**

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

Head office (Lab 1)
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Labor Würenlingen (Lab 2)
Holcim (Schweiz) AG
Materiallabor
Industriestrasse 12
5303 Würenlingen

Internet: www.holcim.com
Initial accreditation: 09.01.2009
Current accreditation: 09.01.2024 to 08.01.2029

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

Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

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

Scope of accreditation as of 09.01.2024

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
	Determination of water infiltration rate	SIA 262/1 appendix A resp. SN 505 262/1	1, 2
	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



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(Hardened) concrete	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, 2
	Determination of secant modulus of elasticity in compression	SN EN 12390-13 resp. 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 shrinkage of concrete	SN EN 12390-16 resp. SIA 262.266	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
	Slump-flow test (Self- compacting concrete)	SN EN 12350-8 resp. SIA 262.238	1, 2, 3, 4



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(Mineral-) aggregates, sand, gravel, coarse aggregates, crushed stones, filler, unbound materials, etc.	Microbar test - Test methods of reactivity against alkali of aggregates	SIA 2042, appendix D resp. SNR 592042	1
	Mineralogy and qualitative and quantitative petrography of aggregates	VSS 70 115	1
	Determination of resistance of aggregates to fragmentation	SN EN 1097-2	2
	Determination of loose bulk density and voids of aggregates	SN EN 1097-3	1
	Determination of the water content of aggregates by drying in a ventilated oven	SN EN 1097-5	1, 2, 3
	Determination of particle density and water absorption of aggregates	SN EN 1097-6	1
	Determination of particle size distribution of aggregates - Sieving Method	SN EN 933-1	1, 2, 3
	Tests for geometrical properties of aggregates - Classification test for the constituents of coarse recycled aggregate	SN EN 933-11	1, 2
	Determination of Particle Shape of aggregates - Flakiness Index	SN EN 933-3	1, 2
	Determination of percentage of crushed and broken surfaces in coarse aggregate particles	SN EN 933-5	1, 2
	Determination of flow coefficient of aggregates	SN EN 933-6	1, 2

The testing laboratory maintains a list with detailed information on the activities within the scope of accreditation. The list is available upon request at the laboratory.

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

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