



STS Directory

Accreditation number: STS 0595

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

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Current accreditation: 29.08.2023 to 28.08.2028
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 29.08.2023

Testing laboratory for microscopical and chemical characterisation of inorganic solids, fibres and asbestos in construction materials, technical products, raw materials, dust and filter samples

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)
Construction materials and technical products	Investigation of buildings and sampling	AV002 based on VDI 3866 Part 1: 2021
Construction materials and technical products	Optical microscopy method (PLM) Detection of asbestos and other inorganic fibres including estimation of weight fraction	AV003 based on HSG 248 (2021) Appendix 2 und VDI 3866 Part 4:2002
	Scanning electron microscopy and energy-dispersive X-ray analysis (SEM/EDXA)	



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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)
Deposited dust picked up through stamping	Detection and semi quantitative determination of asbestos and other inorganic fibres	AV005 based on VDI 3877:2011 and ISO 16000-27:2014
Ambient air, analysis of filter samples	Detection and quantitative determination of asbestos and inorganic fibres in relation to the filter area Optical microscopy method (PLM) and/or Scanning electron microscopy in combination with energy-dispersive X-ray analysis (SEM/EDXA)	AV007 based on VDI 3492:2013
Inorganic surfaces, particles, inclusions, contaminations and residues (minerals, ceramic, glass, metals)	Morphology and chemical characterisation	AV009 based on DIN ISO 22309:2015

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

Abbreviation	Signification
AVxxx	Own methods
DIN	Deutsches Institut für Normung
EDS / EDXA	Energy-dispersive spectrometry, energy-dispersive X-ray analysis
HSG	Health and Safety Executive, UK
ISO	International Organization for Standardization
PLM	Polarised light microscopy
SEM	Scanning electron microscope
VDI	Verein Deutscher Ingenieure

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