



STS Directory

Accreditation number: STS 0595

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

Aatest AG
Niederlenzer Kirchweg 1
5600 Lenzburg

Head: Michael Romer
Responsible for MS: Michael Romer
Telephone: +41 62 891 33 49
E-Mail: m.romer@aatest.ch
Internet: http://www.aatest.ch
Initial accreditation: 12.03.2014
Current accreditation: 29.08.2018 to 28.08.2023
Scope of accreditation see: www.sas.admin.ch (Accredited bodies)

Scope of accreditation as of 29.08.2018

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)
Asbestos and inorganic fibres in construction materials, building components and technical products	Investigation of buildings and sampling	AV002 based on VDI 3866 Part 1: 2000
	Determination of asbestos in construction materials and technical products, optical microscopy method (PLM)	AV003 based on HSG 248 (2005) Appendix 2 und VDI 3866 Part 4:2002
	Semi-quantitative determination of asbestos in samples with low asbestos contents, scanning electron microscopy method (SEM/EDXA)	AV004 based on ISO 22262 Part 2:2014, VDI 3886 Part 5:2017 and IFA 7487



STS Directory

Accreditation number: STS 0595

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)
Asbestos and inorganic fibres in dust settled on surfaces	Semi-quantitative determination of fibres, scanning electron microscopy method (SEM/EDXA)	AV005 based on VDI 3877:2011 and ISO 16000 Part 27:2014
Inorganic fibres in ambient air – evaluation of filter samples	Quantitative determination of inorganic fibrous particles - scanning electron microscopy method (SEM/EDXA)	AV007 based on VDI 3492:2013
Microscopy and chemical characterization of inorganic surfaces, particles, inclusions, contaminations and residues (minerals, ceramic, glass, metals)	Morphology of textures and structures, visualized with secondary and backscattered electron detection (SEM). Qualitative and semi-quantitative microbeam analysis as point analysis, element mapping or particle analysis (EDXA)	AV009 based on DIN ISO 22309:2015

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
IFA	Institut für Arbeitsschutz der DGUV (Deutsche Gesetzliche Unfallversicherung)
ISO	International Organization for Standardization
PLM	Polarised light microscopy
SEM	Scanning electron microscope
VDI	Verein Deutscher Ingenieure

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

* / * / * / * / *