



STS Directory

Accreditation number: STS 0519

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

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Initial accreditation: 29.04.2009
Current accreditation: 18.09.2023 au 17.09.2028
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 18.09.2023

Testing laboratory for asbestos analyses in bulk materials and air

Group of products or materials, field of activity	Principle of measurement ⁿ⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
ASBESTOS		
Solid samples	Optical microscopy	
Building and demolition materials	Detection and identification of asbestos by polarized light microscopy (PLM)	Standard HSG 248 Appendix 2 ^{a)}
	Electronical microscopy	
Building and demolition materials	Detection and identification of asbestos by scanning electron microscopy (SEM) and energy dispersive X-Ray analysis (EDXA)	Standard VDI 3866 Part 5 ^{b)}



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Group of products or materials, field of activity	Principle of measurement ⁿ⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Building and demolition materials	Qualitative analysis of asbestos by scanning electron microscopy (SEM) and energy dispersive X-Ray analysis (EDXA)	Standard ISO 22262-1 ^{e)} modified (internal procedure: PR-Préparation des échantillons ISO 22262-1 and MO-Analyse ISO 22262-1)
Air samples	Electronical microscopy	
Particles in the air sampled by filtration	Quantitative determination by scanning electron microscopy and identification by energy dispersive X-Ray analysis (EDXA)	Standard VDI 3492 ^{c)}
Dust in the air collected by stamping	Semi-quantitative determination by scanning electron microscopy and identification by energy dispersive X-Ray analysis (EDXA)	Standard VDI 3877 Part 1 ^{d)} modified (internal procedure: MO-Analyse VDI 3877)

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

Abbreviation	Signification
a)	HSG 248: Asbestos: The analysts' guide for sampling, analysis and clearance procedures, Appendix 2, HSE, 2006
b)	VDI: Verein Deutscher Ingenieure VDI 3866 Blatt 5: Bestimmung von Asbest in technischen Produkten – Rasterelektronenmikroskopisches Verfahren.
c)	VDI: Verein Deutscher Ingenieure VDI 3492: Messen von Innenraumluftverunreinigungen – Messen von Immissionen – Messen anorganischer faserförmiger Partikel – Rasterelektronenmikroskopisches Verfahren.
d)	VDI: Verein Deutscher Ingenieure: VDI 3877 Blatt 1: Messen von Innenraumverunreinigungen – Messen von auf Oberflächen abgelagerten Faserstäuben Probennahme und Analyse (REM/EDXA)
e)	ISO 22262-1 « Air quality — Bulk materials — Part 1: Sampling and qualitative determination of asbestos in commercial bulk materials »

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