

Federal Department of Economic Affairs, Education and Research EAER

State Secretariat for Economic Affairs SECO

Swiss Accreditation Service SAS

STS Directory

Accreditation number: STS 0641

International standard: ISO/IEC 17025:2017

Swiss standard: SN EN ISO/IEC 17025:2018

Jehle Umweltdienste GmbH

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Internet: http://www.jehle-umweltdienste.ch

Initial accreditation: 09.06.2017

Current accreditation: 09.06.2017 to 08.06.2022

Scope of accreditation

see:

www.sas.admin.ch (Accredited bodies)

Scope of accreditation as of 03.09.2019

Testing laboratory for sampling and analyses of air and building materials, soil, waste, analysis of asbestos and other respirable fibres as well as testing ambient air conditions

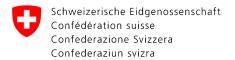
Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
ASBESTOS		
in building materials, technical products	Building surveys, sampling and analysis of building materials and technical products *)	AM 07-7 In house methods based on VDI 3866 page1, EKAS/FCOS 6503
	Optical methods *)	
	Polarisation microscopy	AM 07-5 In house methods based on EPA 600/R-93/116
	Electron-optical methods	
	Scanning electron microscopy (SEM - EDX)	AM 07-7 In house methods based on VDI 3866 page 5

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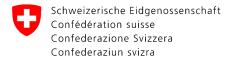
Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
ASBESTOS		
in air and ambient air	Sampling and analysis of respirable fibres and particles	AM 07-3 In house methods based on VDI-3492, EKAS/FCOS 6503, ISO 14966, BGI 505-46
	Electron-optical methods	
	Scanning electron microscopy (SEM - EDX)	AM 07-3 In house methods based on VDI 3492, ISO 14966, BGI 505-46
INORGANIC FIBRES		
in building materials, technical products	Building surveys, sampling and analysis of building materials and technical products	AM 07-3 In house methods based on VDI 3866 page 1, EKAS/FCOS 6503
	Electron-optical methods	
	Scanning electron microscopy (SEM - EDX)	AM 07-3 In house methods based on VDI 3492, BGI 505-46
in air and ambient air	Sampling and analysis of respirable fibres and particles	AM 07-3 In house methods based on VDI-3492, ISO 14966, BGI 505-46
	Electron-optical methods	
	Scanning electron microscopy (SEM - EDX)	AM 07-3 In house methods based on VDI 3492, BGI 505-46

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1) Scope of accreditation type A (fix)

2) Scope of accreditation type B (flexible)3) Scope of accreditation type C (flexible)

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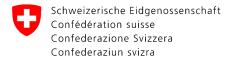
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Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
SOLIDS / TECHNICAL PRODUCTS		
. Kessere	Qualitative und semi- quantitative elemental analysis / spectroscopy	
	Scanning electron microscopy (SEM - EDX)	AM 07-7 In house methods based on DIN ISO 22309, VDI 3866 page 5
	Surface characterizationLength and size measurementDetermination of particle size and shape	
	Quantitative gravimetric analysis	
	Dry matter TS105 (gravimetric)	AM 07-8 In house methods based on FOEN guideline UV-1715-D DIN EN 15935 SN EN 15169
HEAVY METALS		
in building materials, excavated materials, soils	Sampling, sample preparation and analyses *)	
	Spectroscopic methods *)	
	X-ray fluorescence spectroscopy (XRF)	AM 07-2 In house methods based on EPA 6200, DIN 51418-2
	Mercury by atom fluorescence spectroscopy (AFS)	AM 07-4 In house methods based on EPA 7473
AMBIENT AIR CONDITIONS		
in air and ambient air	Sampling and analysing ambient air volumes / indoor air quality *)	
	Physical methods *)	
	- temperature - humidity - air pressure	AM 07-3 In house methods based on VDI 3492

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¹⁾ Scope of accreditation type A (fix)

²⁾ Scope of accreditation type B (flexible)



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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)
Respirable & inhalable dust	Dust sampling for respirable & inhalable dust on work places, in air and ambient air	
	Particulate Matter Aerosols Metals	AW 10-11 In house method based on EN 481, BGI 3005, 3010, 3020, 3040 und 0412/1
	Dust sampling for inhalable dust	
	Diesel exhaust	AW 10-11 In house method based on EN 481, BGI 3005, 3010, 3020, 3040 und 0412/1
Gaseous components on work places, in air and ambient air	Sampling and measurement of CO ₂	AW 6-16 In house method based on list of Swiss occupational exposure limits
	Dust sampling for inhalable dust	
	Dust and gases, containing PAH and PCB	AW 10-11 In house method based on EN 481 DIN EN ISO 12884, DIN EN ISO 16000-12, -13
	Sampling by adsorbent tube	
	Solvents VOC Formaldehyde Phenols Naphtalene Tricyclic PAH Carbon acids	AW 10-7 In house method based on VDI 2100:2, VDI 3862:3
Radon in ambient air	Sampling	
	Passive sampling by radon dosimeter Active sampling by radon measurement devices	AW 10-12 In house method based on Guidelines given by the FOPH, RPO, StMmV

*) These methods are execute in the mobile laboratory

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¹⁾ Scope of accreditation type A (fix)

²⁾ Scope of accreditation type B (flexible)3) Scope of accreditation type C (flexible)

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Abbreviation	Signification
BGI	Berufsgenossenschaftliche Informationen
BfS	Bundesamt für Strahlenschutz der Bundesrepublik Deutschland
DIN	Deutsches Institut für Normung
EKAS	Eidgenössische Koordinationskommission für Arbeitssicherheit
EPA	Environmental Protection Agency (USA)
FCOS	Federal coordination commission for occupational safety
FOEN	Federal Office for the Environment
FOPH	Federal Office of Public Health
ISO	International Organization for Standardization
PAH	Polycyclic aromatic hydrocarbons
РСВ	Polychlorinated biphenyls
RPO	Radiological Protection Ordinance 814.501
SEM - EDX	Scanning electron microscopy with energy-dispersive X-ray spectroscopy
StMmV	Verordnung des EJPD über Messmittel für ionisierende Strahlung 941.210.5
VDI	Verein Deutscher Ingenieure
VOC	Volatile organic compounds
XRF	X-ray fluorescence spectroscopy



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¹⁾ Scope of accreditation type A (fix)

²⁾ Scope of accreditation type B (flexible)