Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER

State Secretariat for Economic Affairs SECO
Swiss Accreditation Service SAS

STS Directory

Accreditation number: STS 0491

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

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Initial accreditation:	04.10.2007
Current accreditation:	18.09.2022 to 17.09.2027
Scope of accreditation see:	www.sas.admin.ch (Accredited bodies)

Scope of accreditation as of 18.09.2022

Testing laboratory for personal dosimetry, in-vivo radioactivity measurement and environmental dosimetry

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)
Individual dosimetry of external radiation exposure	Radiophotoluminescence and “Direct Ion Storage” dosimeters for photon and beta radiation	VADM10 Measure of individual dose equivalent $H_p(10)$ and $H_p(0.07)$ for photon and beta radiation
	Dosimeters with solid state detectors PADC for neutrons	VADM08 Measure of individual dose equivalent $H_p(10)$ for neutron radiation
	Thermoluminescence dosimeters for extremities (finger ring)	VADM01 Measure of individual dose equivalent $H_p(0.07)$ for photon and beta radiation to the extremities
		Ordinance of individual dosimetry SR 814.501.43
		Radiation protection ordinance SR 814.501

1) Scope of accreditation type A (fix)
2) Scope of accreditation type B (flexible)
3) Scope of accreditation type C (flexible)

Definition of flexibilty see SAS Document 741

STS Directory

Accreditation number: STS 0491

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)**
Individual dosimetry of external radiation exposure		Accreditation of the Swiss Federal Nuclear Safety Inspectorate
Individual dosimetry of internal radiation exposure	Determination of committed effective dose E_{50} using whole body activity, activity in the thyroid or activity concentration of excrements	VA-9613-357 Calculation of committed effective dose E_{50} Ordinance of individual dosimetry SR 814.501.43 Radiation protection ordinance SR 814.501 Standard models and dose factors according to ICRP Accreditation of the Swiss Federal Nuclear Safety Inspectorate
In-vivo radioactivity measurement	Whole body counter	VA-9613-357 Measure of whole body activity of γ - emitters like Cs-137, Co-60
	Thyroid monitor	VA-9613-357 Measure of activity of I-123, I-125 and I-131 in the thyroid Accreditation of the Swiss Federal Nuclear Safety Inspectorate
Environmental dosimetry	Radiophotoluminescence dosimeters for photon radiation and fission track detectors for neutrons	VADM02 Measure of ambient dose equivalent $H^*(10)$ for photon and neutron radiation Internal regulations

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

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2) Scope of accreditation type B (flexible)
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Definition of flexibilty see SAS Document 741