



STS Directory

Accreditation number: STS 0419

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

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Initial accreditation: 18.10.2004
Current accreditation: 18.10.2019 to 17.10.2024
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 27.11.2023

Testing laboratory for personal dosimetry and environmental dosimetry

Group of products or materials, field of activity	Principle of measurement ¹⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Personal dosimetry	<p>Measurement of photons and beta radiation with thermoluminescence dosimetry (TLD)</p> <p>Whole body dosimeters (UD-802, UD-802B), to be worn on the chest:</p> <ul style="list-style-type: none"> - Photon radiation in the energy range from 16 keV to 1.25 MeV and in the dose range from 50 µSv to 10 Sv - Beta radiation with an average energy of 0.8 MeV and in the dose range from 50 µSv to 10 Sv 	<p>Ordinance of radiation protection from 26.04.2017 (CC 814.501), IEC 62387:2012 and DIN EN 62387:2017-09</p> <p>Personal dose equivalent Hp(10) and skin dose equivalent Hp(0.07) (IEC 62387:2012)</p> <p>Skin dose equivalent Hp(0.07) (IEC 62387:2012)</p>



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Group of products or materials, field of activity	Principle of measurement ¹⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Personal dosimetry	Dosimeters for the extremities (UD-802, UD-802B), to be worn on the wrist: <ul style="list-style-type: none"> - Photon radiation in the energy range from 16 keV to 1.25 MeV and in the dose range from 50 µSv to 10 Sv - Beta radiation with an average energy of 0.8 MeV and in the dose range from 50 µSv to 10 Sv 	Skin dose equivalent Hp(0.07) (IEC 62387:2012) Skin dose equivalent Hp(0.07) (IEC 62387:2012)
Personal dosimetry	Dosimeters for the extremities (UD-807R), to be worn on the fingers: <ul style="list-style-type: none"> - Photon radiation in the energy range from 16 keV to 1.25 MeV and in the dose range from 100 µSv to 10 Sv - Beta radiation with an average energy of 0.8 MeV and in the dose range from 100 µSv to 10 Sv 	Skin dose equivalent Hp(0.07) (IEC 62387:2012) Skin dose equivalent Hp(0.07) (IEC 62387:2012)
Personal dosimetry	Eye lens dosimeters (UD-807E), to be worn close to the eye: <ul style="list-style-type: none"> - Photon radiation in the energy range from 16 keV to 1.25 MeV and in the dose range from 100 µSv to 10 Sv - Beta radiation with an average energy of 0.8 MeV and in the dose range from 100 µSv to 10 Sv 	Eye lens dose equivalent Hp(3) (DIN EN 62387:2017-09) Eye lens dose equivalent Hp(3) (DIN EN 62387:2017-09)
Personal dosimetry	Dosimeter clips (UD-807C), to be worn on protective glasses close to the eye, on surgical caps or on the collar: <ul style="list-style-type: none"> - Photon radiation in the energy range from 24 keV to 1.25 MeV and in the dose range from 100 µSv to 10 Sv 	Skin dose equivalent Hp(0.07) and eye lens dose equivalent Hp(3) (IEC 62387:2012)



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Group of products or materials, field of activity	Principle of measurement ¹⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Personal dosimetry	- Beta radiation with an average energy of 0.8 MeV and in the dose range from 100 µSv to 10 Sv	Skin dose equivalent Hp(0.07) (IEC 62387:2012)
Personal dosimetry	OSL whole body dosimeters, to be worn on the chest: - Photon radiation in the energy range from 20 keV to 1.25 MeV and in the dose range from 50 µSv to 10 Sv - Beta radiation with an average energy of 0.8 MeV and in the dose range from 50 µSv to 10 Sv	Personal dose equivalent Hp(10) and skin dose equivalent Hp(0.07) (IEC 62387:2020) Skin dose equivalent Hp(0.07) (IEC 62387:2020)
Personal dosimetry	OSL Dosimeters for the extremities, to be worn on the wrist: - Photon radiation in the energy range from 20 keV to 1.25 MeV and in the dose range from 50 µSv to 10 Sv - Beta radiation with an average energy of 0.8 MeV and in the dose range from 50 µSv to 10 Sv	Skin dose equivalent Hp(0.07) (IEC 62387:2020) Skin dose equivalent Hp(0.07) (IEC 62387:2020)
Environmental dosimetry	Environmental dosimeters (UD-802): - Photon radiation in the energy range from 16 keV to 1.25 MeV and in the dose range from 50 µSv to 10 Sv	Ambient dose equivalent H*(10) (IEC 62387:2012)
Environmental dosimetry	OSL environmental dosimeters: - Photon radiation in the energy range from 20 keV to 1.25 MeV and in the dose range from 50 µSv to 10 Sv	Ambient dose equivalent H*(10) (IEC 62387:2020)

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

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