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

Based on the Accreditation and Designation Ordinance dated 17 June 1996 and on the advice of the Federal Accreditation Commission, the Swiss Accreditation Service (SAS) grants to

SFS intec AG
Testing Laboratory
Rosenbergsaustrasse 10
9435 Heerbrugg

Period of accreditation:
23.07.2020 until 22.07.2025
(1st accreditation: 22.07.2010)

the accreditation as

Testing laboratory for metal fasteners

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

3003 Berne, 28.09.2020
Swiss Accreditation Service SAS

Head of SAS
Konrad Flück

SAS is a signatory of the multilateral agreements of the European co-operation for Accreditation (EA) for the fields of testing, calibration, inspection and certification of management systems, certification of personnel and certification of products, processes and services, of the International Accreditation Forum (IAF) for the fields of certification of management systems and certification of products, processes and services and of the International Laboratory Accreditation Cooperation (ILAC) for the fields of testing and calibration.

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STS Directory

Accreditation number: STS 0545

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

SFS Group Schweiz AG
Rosenbergsaustrasse 10
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Internet:	www.sfs.com
Initial accreditation:	22.07.2010
Current accreditation:	23.07.2020 to 22.07.2025
Scope of accreditation see:	www.sas.admin.ch (Accredited bodies)

Scope of accreditation as of 09.05.2023

Testing laboratory for metal fasteners

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)
Hardness Testing	Vickers Hardness HV0.1 - HV30	ISO 6507-1; ISO 898-1
	Steel - Determination of the thickness of surface-hardened layers	DIN EN ISO 18203
	Case Hardness Depth	ISO 2639 – invalid standard
	Depth of hardening after surface heating	DIN EN 10328 – invalid standard
	Case Depth after nitriding	DIN 50190-3 - invalid standard
Tensile Testing	Metallic materials: Axial Tensile Strength for full-size screws (without extensometry)	ISO 6892-1; ISO 898-1,
	Metallic materials: Wedge Tensile Strength for full-size screws (without extensometry)	ISO 6892-1; ISO 898-1,

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

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Metallography/Microstructure	Carburization/Decarburization test	ISO 898-1
	Determination of the content of non-metallic inclusions	DIN 50602; ISO 4967-A
	Steel: Determination of the apparent grain size	ISO 643
	Steel: Determination of decarburization depth	ISO 3887- 4.2
	Fasteners: Discontinuities	ISO 6157-3; DIN 26157-3
	Measurements of coating thickness, microscopical method	ISO 1463
Corrosion Testing	Corrosion tests in artificial atmospheres - Salt spray test	ISO 9227
	Corrosion of metals and alloys - Sulfur dioxide test in a humid atmosphere	DIN EN ISO 22479
	Determination of resistance to humidity - Condensation	ISO 6270-2
Chemical Analysis	Optical Emission Spectrometry Fe-Matrix / steels	DIN 51008-1 DIN 51009
Torsional Testing	Torsion test and minimum fracture torque for bolts and screws with nominal diameter 1 mm to 10 mm	ISO 898-7
Wind Uplift Test	Flexible sheets for waterproofing – Determination of the resistance to wind load of mechanically fastened flexible sheets for roof waterproofing	SN EN 16002

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

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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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