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 0569

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

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Initial accreditation:	09.02.2012
Current accreditation:	09.02.2022 to 08.02.2027
Scope of accreditation see:	www.sas.admin.ch (Accredited bodies)

Scope of accreditation as of 09.02.2022

Testing laboratory for piping and sanitary systems

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)
Plastics, metals and other materials (pipes, fittings, couplers, taps, valves and assemblies)	Hydrostatic pressure test ≤ 150 bar, + 20 °C to + 150 °C	EN ISO 1167 EN ISO 9080 EN ISO 15876 EN ISO 21003 ISO 17456 EN ISO 22391 DVGW W 534 DVGW W 542
	Delamination test ≤ 20 kN, - 20 °C to + 100 °C	EN ISO 17454 EN ISO 21003 DVGW W 542
	Determination of dimensions	EN ISO 3126

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 0569

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)
	Tensile test ≤ 20 kN, - 20 °C to + 100 °C	EN ISO 527 EN ISO 3501 EN ISO 6259 EN ISO 15876 EN ISO 21003 EN ISO 22391 DVGW W 534 BUtgb approval guideline for thermoplastics pressure piping systems
	Thermal cycling test DN 110, ≤ 20 bar, + 15 °C to + 120 °C	EN ISO 15876 EN ISO 21003 EN ISO 22391 ISO 19893 DVGW W 534 DVGW W 542 WRAS TCS 1212.6 WRAS TCS 1212.10
	Leaktightness under vacuum to - 0.9 bar	EN ISO 15876 EN ISO 21003 EN ISO 22391 ISO 13056 DVGW W 534
	Tightness under excessive pressure ≤ 50 bar, ≤ + 110°C	DVGW W 534
	Pressure cycling test 0.5 bar to 50 bar, ≤ + 110 °C	EN ISO 15876 EN ISO 21003 EN ISO 22391 ISO 19892 DVGW W 534 BUtgb approval guideline for thermoplastics pressure piping systems
	Bending test under internal pressure stress ≤ DN 65, ≤ 100 bar, + 20 °C	EN ISO 3503 EN ISO 15876 EN ISO 21003 EN ISO 22391 DVGW W 534
	Burst pressure test ≤ DN 300, ≤ 200 bar, ≤ + 110 °C	GPL AA_024

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)
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Definition of flexibilty see SAS Document 741