



STS Directory

Accreditation number: STS 0301

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

Eastern Switzerland University of Applied Sciences (OST)
SPF Institute for Solar Technology,
SPF Testing (Testing laboratory)
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Initial accreditation: 20.04.2001
Current accreditation: 20.04.2021 to 19.04.2026
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 01.02.2024

Testing laboratory for systems and components for the provision of heat in the building sector as well as for testing the durability and the optical-thermal properties of exterior components

Group of products or materials, field of activity	Principle of measurement ³⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Solar thermal collectors	Assessment of: - Efficiency - Incidence angle modifier - Thermal capacity - Time constant - Pressure drop Assessment of: - Safety, durability and reliability - Stagnation temperature	EN 12975, General requirements ISO 9806, Test methods AS/NZS 2535.1:2007 EN 12975-1, General requirements ISO 9806, Test methods AS/NZS 2712:2007 Section 4, Appendix B, C, D, E
Thermal solar systems and components - Factory Made systems	Assessment of: - System performance DST method Assessment of: - Safety, durability and reliability	EN 12976-1, General requirements EN 12976-2, Test methods ISO 9459-5. System performance characterization, DST-method EN 12976-1, General requirements EN 12976-2, Test methods



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Water heater stores and combistores	Assessment of performance	EN 12977-3, Performance test methods for solar water heater stores EN 12977-4, Performance test methods for solar combistores
Thermal storage	Assessment of stratification efficiency in thermal storages	SPF Test procedure Nr. 86 Stratification efficiency
Impact resistance	Test method using hailstones made of ice	Test specifications of the Association of Cantonal Fire Insurance Companies ACFI
Snowload resistance	Simulation of snow loads considering slope forces	SPF – SUPSI Test procedure Nr. 46 Snowload

The testing laboratory maintains a list with detailed information on the activities within the scope of accreditation. The list is available upon request at the laboratory.

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

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