



STS Directory

Accreditation number: STS 0301

International standard: ISO/IEC 17025:2005
Swiss standard: SN EN ISO/IEC 17025:2005

HSR Hochschule für Technik Rapperswil Institut für Solartechnik SPF SPF Testing (Prüflaboratorium) Oberseestrasse 10 CH-8640 Rapperswil	Head:	Dr. Andreas Bohren
	Responsible for MS:	Dr. Andreas Bohren
	Telephone:	+41 55 222 48 21
	E-Mail:	mailto: info@spf.ch
	Internet:	http://www.spf.ch
	Initial accreditation:	20.04.2001
	Current accreditation:	20.04.2016 to 19.04.2021
Scope of accreditation see:	www.sas.admin.ch (Accredited bodies)	

Scope of accreditation as of 20.04.2016

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	EN 12975-1, General requirements ISO 9806, Test methods AS/NZS 2535.1:2007 Procedure „Wirkungsgradmessung ohne Wind“ (15.10.2005)
	Assessment of: - Safety, durability and reliability - Stagnation temperature	EN 12975-1, General requirements ISO 9806, Test methods AS/NZS 2712:2007 Section 4 Appendix B, C, D, E
	Combined load and rain test	Procedure „Kombinierter Belastungs- und Beregnungstest“ (05.01.2006) In house test method
	Impact resistance	Test procedure “Impact” (11.03.09) In house test method



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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)
Thermal solar systems and components - Factory Made systems	Assessment of: - System efficiency CSTG / DST method	EN 12976-1, General requirements EN 12976-2, Test methods ISO 9459-2 (CSTG) ISO/DIS 9459-5 (DST)
	Assessment of: - Safety, durability and reliability	EN 12976-1, General requirements EN 12976-2, Test methods
Thermal solar systems and components - Custom built systems	Assessment of system efficiency, safety, durability and reliability	EN 12977-1, General requirements for solar water heaters and combisystems EN 12977-2, Test methods for solar water heaters and combisystems EN 12977-3, Performance test methods for solar water heater stores EN 12977-4, Performance test methods for solar combistores EN 12977-5, Performance test methods for control equipment
Impact resistance	Test method using hailstones made of ice	Test procedure "Impact" (11.03.09) In house test method Test specifications of the Association of Public Insurance Companies (APIB)
Snowload resistance	Simulation of snow loads considering sloped forces	SPF – SUPSI Test procedure Nr. 46 Snowload

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