

Scope of Accreditation:

Calibration of force

Measurement object	Measurement area	Best measurement capability.
Tensile testing machine	Tensile force 0,1 N – 600 kN Pressure force 0,1 N – 600 kN	See www.swedac.se for details

Calibration of extensometer including NON-Contacting systems(Length)

Measurement object	Measurement area (mm)	class	Best measurement capability(±)
Extensometer	15 – 1000	1,0 2,0 0,2	0,45%
	8 – 1000		0,45%
	1 µm – 60 mm		0,36 µm
Initial distance	15 mm – 100 mm		0,45%

Calibration of thicknessmeter (pressure)

Measurement object	Measurement area	Best measurement capability
Thicknessmeter by foot diameter	2 – 10 mm	0,07 N- 1,79 N
		± 0,013 N

Calibration of thicknessmeter (Length)

Measurement object	Measurement area	Best measurement capability
Thicknessmeter	0,5 mm- 20 mm	± 0,012 mm For object with resolution 0,01 mm
		± 0,0012 mm For object with resolution 0,001 mm

Calibration of speed

Measurement object	Measurement area	Best measurement capability
Tensile tester	1 mm/ min – 1000 mm/ min	± 0,75 – 0,5 rel. %

Calibration of scales

Measurement object	Measurement area	Best measurement capability
Non automatic weighing instruments	1 mg – 6000 kg	See www.swedac.se for details

Calibration of temperature

Measurement object	Measurement area	Best measurement capability
Temperature	-80°C to +630°C	See www.swedac.se for details

Calibration of hardness

Measurement object	Measurement area	Best measurement capability
Brinell Hardness testers	3,18 – 650 HBW	See www.swedac.se for details
Vickers Hardness testers	1 – 2 990 HV	See www.swedac.se for details
Rockwell Hardness testers	HRA, B, C, D, E, F, G, H, K, N, T	See www.swedac.se for details
Shore / IRHD Hardness testers	0-100 °Shore / °IRH	See www.swedac.se for details

For detailed information regarding scope and best measurement capability visit http://search.swedac.se/index_ie.asp?lang=en and search for Laboratory No 1515 in the **Accreditation no / Identity no field.**



1515
ISO/IEC 17025

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