

Laboratory Harita Seating Systems Limited, Hosur-Thally Road, Belagondapalli, Hosur, Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number CC-2812 (in lieu of C-0498)

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Validity 30.07.2018 to 29.07.2020

Last Amended on 16.08.2018

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>MECHANICAL CALIBRATION</u>				
I.	DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)			
1.	Caliper [§] (Vernier/Digital/Dial) L.C.: 0.01 mm ^φ	Upto 600 mm	16.2 μ m	Using caliper checker
2.	Height Gauge [§] (Vernier/Digital/Dial) L.C.: 0.01 mm ^φ	Upto 600 mm	17.4 μ m	Using caliper checker
3.	External Micrometer [§] L.C.: 0.001 mm ^φ	Upto 50 mm	1.24 μ m	Using '0' Grade Gauge Blocks
4.	Feeler Gauges [§]	0.02 mm to 2.0 mm	2.8 μ m	Using Electronic probe DRO
5.	Plunger Dial Gauges [§] L.C.: 0.001 mm ^φ L.C.: 0.01 mm	Upto 1.0 mm Upto 10 mm	3.2 μ m 6.5 μ m	Using Dial Calibration tester
6.	Lever Dial Gauges [§] L.C.: 0.001 mm ^φ L.C.: 0.01 mm	Upto 0.2 mm Upto 0.8 mm	2.2 μ m 6.5 μ m	Using Dial Calibration tester
7.	Plain Plug Gauges [§]	\varnothing 2 mm to 100 mm	2.7 μ m	Using FCDM / Electronic probe and Gauge Blocks
8.	Cylindrical Measuring Pins / Wires [§]	\varnothing 0.3 mm to 20 mm	1.8 μ m	Using Gauge Blocks and Electronic probe

Dheeraj Chawla
Convenor

Avijit Das
Program Manager

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9.	Thread Plug Gauges \$ (Major & Effective Diameter)	2 mm to 100 mm	3.4 μ m	Using FCDM / Electronic probe and Master cylinders by Three Wire Method

* Measurement Capability is expressed as an uncertainty (\pm) at a confidence probability of 95%

\$ Only in Permanent Laboratory

Φ Laboratory can also calibrate instruments / devices of coarser resolution / least count within the accredited range using same reference standard / master equipment under the scope of accreditation.

Dheeraj Chawla
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