

Laboratory Sterling Tools Limited, 5-A, DLF Industrial Estate, Faridabad, Haryana

Accreditation Standard ISO/IEC 17025:2005

Discipline Mechanical Calibration **Issue Date** 11.12.2014

Certificate Number C-0327 **Valid Until** 10.12.2016

Last Amended on - **Page** 1 of 1

Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
I. DIMENSION			
1. EXTERNAL MICROMETER[§]			
L. C. :-0.001 mm [¶]	0 to 100 mm	3.0 μ m	Using Gauge Block
2. CALIPERS[§]			
L. C. :- 0.01 mm	0 to 200 mm	18.1 μ m	Using Caliper Checker
L. C. :- 0.02 mm	0 to 300 mm	24.6 μ m	
3. HEIGHT GAUGE[§]			
L. C.:- 0.01 mm	0 to 300 mm 0 to 600 mm	16.5 μ m 23.6 μ m	Using Caliper Checker
4. DIAL GAUGE [§] (Plunger Type)			
L. C. :-0.001 mm	0 to 1.0 mm	3.7 μ m	Using Dial Calibration Tester
L. C. :-0.01 mm	0 to 10 mm	3.8 μ m	
5. DIAL GAUGE[§] (Lever Type)			
L. C. :-0.01 mm	0 to 0.8 mm	3.8 μ m	Using Dial Calibration Tester
6. THREAD PLUG GAUGE & WEAR CHECK PLUG[§] (Effective Diameter)			
	M 5 to M 24 & ¼" to 1"	4.9 μ m	Using Floating Carriage
7. PLAIN PLUG GAUGE[§]			
	Upto 25 mm	5.9 μ m	Using Micrometer
8. PIN TYPE BORE GAUGE[§]			
	3.7 mm to 150 mm	7.1 μ m	Using Dial Calibration Tester

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

[§]Only in Permanent Laboratory

[¶]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.