Laboratory	**Calibration Laboratory, NSIC – Technical Services Centre, The National Small Industries Corporation Limited, Aji Industrial Area, Bhavnagar Road, Rajkot, Gujarat**		
Accreditation Standard	**ISO/IEC 17025:2005**		
Discipline	**Mechanical Calibration**	**Issue Date**	**11.03.2016**
Certificate Number	**C-1048**	**Valid Until**	**10.03.2018**
Last Amended on	**17.03.2016**	**Page**	**1 of 2**

Quantity Measured / Instrument	Range/ Frequency	* Calibration Measurement Capability (±)	Remarks
I. DIMENSION			
1. CALIPER$ (Vernier/Dial/Digital)			
L.C.: 0.020 mmΦ	Up to 300 mm	18.9 µm	Using Gauge Block Set by Comparison Method
2. DEPTH GAUGE$ (Vernier/Dial/Digital)			
L.C.: 0.020 mm	Up to 300 mm	18.9 µm	Using Gauge Block Set & Surface Plate by Comparison Method
3. HEIGHT GAUGE$ (Vernier/Dial/Digital)			
L.C.: 0.020 mm	Up to 300 mm	18.9 µm	Using Gauge Block Set & Surface Plate by Comparison Method
4. EXTERNAL MICROMETER$			
L.C.: 0.001 mm	Up to 100 mm	3.3µm	
L. C.: 0.010 mm	100 mm to 150 mm	6.6 µm	Using Gauge Block Set by Comparison Method
5. DIAL GAUGE$ (Plunger Type)			Using Dial Calibration Tester by Comparison Method
L.C.: 0.010 mm	Upto 25 mm	5.0 µm	
L. C. : 0.001 mmΦ	Upto 5 mm	4.1 µm	

Neeraj Verma
Convenor

Avijit Das
Program Manager

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	Quantity Measured / Instrument	Range/ Frequency	* Calibration Measurement Capability (±)	Remarks
6.	**BORE GAUGE WITH DIAL FOR TRANSMISSION ACCURACY[$]**	Upto 2.0 mm	3.73 µm	Using Dial Calibration Tester by Comparison Method
7.	**PLAIN SNAP GAUGES[$]**	2 mm to 100 mm	21.0 µm	Using Gauge Block Set by Comparison Method
8.	**FEELER GAUGE[$]**	0.01 mm to 1 mm	11.1 µm	Using Digital Micrometer by Comparison Method
9.	**THREAD PLUG GAUGE**	2 mm to 100 mm	5.7 µm	Using Floating Carriage Micrometer and TMW by Comparison Method
10.	**DIAL GAUGE (Lever Type)**			
	L. C.: 0.010 mm	0 to 0.14 mm	3.1 µm	Using Dial Calibration Tester by Comparison Method
	L. C. : 0.001 mm[Φ]	0 to 0.18 mm	3.1 µm	
	L. C. : 0.010 mm	0 to 1.0 mm	3.1 µm	

*** Measurement Capability is expressed as an uncertainty (±) 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.

Neeraj Verma
Convenor

Avijit Das
Program Manager