

Laboratory	Khushi Calibration Laboratory, MCF-7329, 33 Ft. Road, Sanjay Colony, Sec-23, Faridabad, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Calibration	Issue Date	21.12.2015
Certificate Number	C-0970	Valid Until	22.09.2017
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Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (\pm)	Remarks
I. DIMENSION			
1. Vernier /Dial/Digital Caliper \$ L.C. 0.01 Φ	Upto 300 mm 300 mm to 600 mm	14.1 μ m	Using Caliper Checker
2. External Micrometer \$ L.C. 0.001 mm Φ L.C. 0.01 mm	0 to 100 mm 100 mm to 300 mm	1.4 μ m 12.9 μ m	Using Slip Gauge Set & Accessories
3. Internal Micrometer \$ (Stick Type) L.C. 0.01 mm	50 mm to 300 mm	10.8 μ m	Using Slip Gauge Set, Caliper Checker & Accessories
4. Height Gauge \$ L.C. 0.01 mm Φ	0 to 600 mm	20.2 μ m	Using Caliper Checker
5. Plunger Type Dial Gauge \$ L.C. 0.001 mm Φ	0 to 25 mm	5.3 μ m	Using Dial Calibration Tester Slip Gauge Set and Comparator Stand
6. Feeler Gauge \$	Upto 1 mm	4.0 μ m	Using Digital External Micrometer
7. Snap Gauge \$	5 mm to 100 mm	5.0 μ m	Using Slip Gauge Set, Gauge Block Access

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Avijit Das
Program Manager

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8.	Plain Plug/ Pin Gauge \$	Upto 100 mm	6.5 μ m	Using Dial Gauge, Comparator Stand & Slip Gauge Set
9.	Bevel Protector \$ L.C 5'	0 to 180 °	5.4'	Using Angle Gauge Set
10.	Combination Set/ Angle Protector \$ L.C. 1°	0 to 180 °	42'	Using Angle Gauge Set
11.	Radius Gauge \$	0 to 25 mm	37 μ m	Using Profile Projector
12.	Test Sieve \$	Upto 10 mm	8 μ m	Using Profile Projector
13.	Dial Thickness Gauge \$ L.C. 0.01 mm	0 to 25 mm	5.7 μ m	Using Slip Gauge Set
14.	Steel Scale \$ L.C. 0.05 mm ^Φ	0 to 200 mm	600 μ m	Using Profile Projector
15.	Bore Gauge \$ (Transmission Only 2 mm) L.C. 0.001 mm	0 to 2 mm	3.3 μ m	Using Dial Calibration Tester
16.	Lever Type Dial Gauge \$ L.C. 0.001 mm ^Φ	Upto 1 mm	3.2 μ m	Using Slip Gauge Set & Comparator Stand
17.	Coat Gauge \$	Upto 1200 μ m	25.0 μ m	Using Master Foils

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	Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
18.	Digital Tachometer \$ (L.C-1 RPM)	250 RPM to 10000 RPM	8.1 RPM	Using Digital Stroboscope
19.	Depth Gauge / Depth Micrometer \$ L.C. 0.02 mm ^Φ	0 to 300 mm	12.2 μm	Using Slip Gauge Set + Slip Gauge Accessories.
20.	Surface Plate*	Upto 2000 mm X 2000 mm	$1.02 \sqrt{\frac{L+W}{125}} \mu\text{m}$ (Where L & W in mm)	Using Electronic Level
II. HARDNESS				
1.	Rockwell Hardness Tester *	HRA HRC	1.0 HRA 0.8 HRC	Using Test Blocks
III. PRESSURE & VACUUM				
1.	Pressure Gauge *	0 to 30 kg/cm ² 30 kg/cm ² to 600 kg/cm ²	0.45kg/cm ² 9.0 kg/cm ²	Using Digital Pressure Gauge by Comparison Method
	Vacuum Gauge *	-650 mmHg to 0 mmHg	9.75 mmHg	Using Digital Vacuum Gauge
IV. ACCOUSTICS				
1.	Sound Level Meter \$	94 dB & 114 dB	1.6 dB	Using Sound Level Calibrator

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

\$Only in Permanent Laboratory.

*Only for Site Calibration.

^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.

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