

Laboratory Shri Krishna Test House, B-70/1, Gali No. 8, New Modern Shahdara,
Mansarover Park, Shahdara, Delhi

Accreditation Standard ISO/IEC 17025: 2005

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Validity 06.12.2017 to 05.12.2019 Last Amended on --

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>MECHANICAL CALIBRATION</u>				
I.	DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)			
1.	Vernier Caliper ^s L.C. 0.01 mm L.C. 0.02 mm	0 to 300 mm 0 to 600 mm	17.0 μ m 19.00 μ m	Using Slip Gauge Set & Caliper Checker by Comparison Method
2.	Dial Caliper ^s L.C. 0.02 mm	0 to 10 mm	15.0 μ m	Using Slip Gauge Set by Comparison Method
3.	Out Side Micrometer ^s L.C. 0.001 mm	0 to 100 mm	3.60 μ m	Using Slip Gauge Set by Comparison Method
4.	Dial Gauge ^s (Plunger Type) L.C. 0.01 mm	0 to 25 mm	7.70 μ m	Using Dial Calibration Tester by Comparison Method
5.	Dial Gauge ^s (Lever Type) L.C. 0.01 mm	0 to 2 mm	7.80 μ m	Using Dial Calibration Tester by Comparison Method
6.	Dial Thickness Gauge ^s L.C. 0.001 mm	0 to 10 mm	1.30 μ m	Using Slip Gauge Set by Comparison Method

Ram Ashray
Convenor

Avijit Das
Program Director

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7.	Feeler Gauge [§]	0.10 to 2 mm	6.0 μ m	Using Digital Micrometer by Comparison Method
8.	Vernier Depth Gauge [§] L.C. 0.02 mm	0 to 300 mm	16.0 μ m	Using Slip Gauge Set by Comparison Method
9.	Depth Micrometer [§] L.C. 0.01 mm	0 to 100 mm	8.00 μ m	Using Slip Gauge Set by Comparison Method
10.	Height Gauge [§] L.C. 0.01 mm	0 to 600 mm	21.2 μ m	Using Slip Gauge Set by Comparison Method
II.	PRESSURE INDICATING DEVICES			
1.	Pressure Gauge [§]	0 to 30 Kg/cm ² (29.42 Bar)	0.25 Kg/cm ² (0.25 Bar)	Using Digital Pressure Gauge by Direct Comparison Method
		30 to 700 Kg/cm ² (29.42 Bar to 686.46 Bar)	6.6 Kg/cm ² (6.47 Bar)	Using Digital Pressure Gauge by Direct Comparison Method

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

[§] Only in Permanent Laboratory.

^{*} Only for Site Calibration.

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