

Laboratory Kanhaiya Calibration Laboratory, 201/1297, "Rukmini Niwas", Kole Mala, Ichalkaranji, Maharashtra

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number CC-2790

Page

1 of 3

Validity 06.08.2018 to 05.08.2020

Last Amended on -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability ( $\pm$ )	Remarks
<b><u>MECHANICAL CALIBRATION</u></b>				
<b>I.</b>	<b>DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)</b>			
1.	Vernier Caliper <sup>s</sup> (Dial / Digital / Analog) L.C. 10 $\mu$ m	0 to 600 mm	15.0 $\mu$ m	Using Caliper Checker by Comparison Method (IS 3651)
2.	Height Gauge <sup>s</sup> (Dial / Digital / Analog) L.C. 10 $\mu$ m	0 to 600 mm	20.0 $\mu$ m	Using Caliper Checker & Surface Plate by Comparison Method (IS 2921)
3.	External Micrometer <sup>s</sup> L.C. 1 $\mu$ m	0 to 150 mm	1.5 $\mu$ m	Using Gauge Block Set by Comparison Method (IS 2967)
4.	Dial Gauge <sup>s</sup> (Plunger Type) L.C. 1 $\mu$ m	0 to 25 mm	3 $\mu$ m	Using ULM by Comparison Method (IS 2092)
5.	Dial Gauge <sup>s</sup> (Lever Type) L.C. 1 $\mu$ m L.C. 2 $\mu$ m L.C. 10 $\mu$ m	0 to 0.14 mm 0 to 0.2 mm 0 to 0.8 mm	3 $\mu$ m 3 $\mu$ m 3.2 $\mu$ m	Using ULM by Comparison Method (IS 11498)

**Shally Sharma**  
Convenor

**Anuja Anand**  
Program Manager

Laboratory

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Page

2 of 3

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6.	Depth Vernier <sup>§</sup> L.C. 10 $\mu$ m	0 to 300 mm	15 $\mu$ m	Using Gauge Block Set & Surface Plate by Comparison Method (IS 4213)
7.	Pistol Caliper <sup>§</sup> L.C. 100 $\mu$ m	0 to 50 mm	76 $\mu$ m	Using Gauge Block Set by Comparison Method
8.	Plain Plug Gauge / Width Gauge / Height Block <sup>§</sup>	2 to 100 mm	2 $\mu$ m	Using ULM & Gauge Block by Comparison Method (IS 3455)
9.	Feeler Gauge <sup>§</sup>	0.005 to 1 mm	2 $\mu$ m	Using ULM by Comparison Method (IS 3179)
10.	Micrometer Setting Standard <sup>§</sup>	25 mm to 125 mm	2 $\mu$ m	Using ULM & Gauge Block by Comparison Method (IS 2967)
11.	Plain Ring Gauge <sup>§</sup>	3 mm to 100 mm 100mm to 200 mm	2.1 $\mu$ m 2.5 $\mu$ m	Using ULM & Master Ring Gauge by Comparison Method (IS 3455)
12.	Thread Plug Gauge <sup>§</sup>	3mm to 100 mm	3 $\mu$ m	Using ULM & Thread Measuring Wire by Comparison Method (IS 2334)
13.	Snap Gauge <sup>§</sup>	3mm to 200 mm	2.5 $\mu$ m	Using ULM & Gauge Block Set by Comparison Method (IS 3455)

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**Page** 3 of 3

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14.	Bore Gauge <sup>§</sup> (Transmission Error) L.C. 1 $\mu$ m	0 to 1 mm	3.5 $\mu$ m	Using ULM by Comparison Method

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

<sup>§</sup>Only in Permanent Laboratory

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