

**Laboratory** Jaya Hind Industries Limited, Village Urse, Taluka-Maval, Dist-Pune, Maharashtra

**Accreditation Standard** ISO/IEC 17025: 2005

**Certificate Number** CC-2469

**Page** 1 of 3

**Validity** 06.12.2017 to 05.12.2019

**Last Amended on** -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability ( $\pm$ )	Remarks
<b><u>MECHANICAL CALIBRATION</u></b>				
<b>1.</b>	<b>DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)</b>			
1.	Caliper <sup>§</sup> L.C. :0.01mm	Up to 300 mm	13.0 $\mu$ m	Using Caliper Checker
2.	Height Gauge <sup>§</sup> L.C.:0.01mm	Up to 600 mm	17.0 $\mu$ m	Using Caliper Checker
3.	External Micrometer <sup>§</sup> L.C.:0.001mm L.C. :0.010mm	Up to 25 mm Up to 175 mm	1.2 $\mu$ m 9.2 $\mu$ m	Using Slip Gauge Set
4.	Depth Vernier <sup>§</sup> L.C. :0.01mm	Up to 300 mm	13.0 $\mu$ m	Using Caliper Checker
5.	Micrometer Setting Rods <sup>§</sup>	25mm to 275 mm	5.9 $\mu$ m	Using Horizontal Metroscope
6.	Plunger Dial Gauge <sup>§</sup> L.C. :0.001mm L.C. :0.010mm	Up to 1 mm Up to 10 mm	1.7 $\mu$ m 6.0 $\mu$ m	Using Horizontal Metroscope
7.	Pistol Caliper <sup>§</sup> L.C. :0.1mm	Up to 50 mm	36.0 $\mu$ m	Using Slip Gauge Set
8.	Bore Gauge <sup>§</sup> Transmission error	Up to 1 mm	3.0 $\mu$ m	Using Horizontal Metroscope
9.	Lever Dial Gauge <sup>§</sup> L.C. :0.001mm L.C. :0.010mm	Up to 0.14 mm Up to 0.8 mm	1.7 $\mu$ m 6.1 $\mu$ m	Using Horizontal Metroscope

**Mohit Kaushik**  
Convenor

**Avijit Das**  
Program Director

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**Page**

**2 of 3**

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10.	Feeler Gauge <sup>s</sup>	Up to 1 mm	1.6 $\mu$ m	Using Horizontal Metroscope
11.	Air Electronic Column/ Air Gauge Unit <sup>s</sup> L.C. :0.001mm	Up to $\pm$ 0.040 mm	2.2 $\mu$ m	Using Master Air plug & setting Ring
12.	Plain Plug Gauge/Width Gauge <sup>s</sup>	Up to 100 mm 100 mm to 200 mm 200 mm to 300 mm	2.4 $\mu$ m 3.8 $\mu$ m 5.1 $\mu$ m	Using Horizontal Metroscope
13.	Snap Gauge <sup>s</sup>	3 mm to 50 mm 50mm to 100 mm 100mm to 250 mm	2.2 $\mu$ m 2.7 $\mu$ m 4.3 $\mu$ m	Using Slip Gauge Set
14.	Thread Ring Gauge <sup>s</sup>	5 mm to 50 mm	1.8 $\mu$ m	Using Horizontal Metroscope
15.	Thread Plug Gauge <sup>s</sup>	2mm to 50 mm	2.1 $\mu$ m	Using Horizontal Metroscope
16.	Plain/Master/ Setting Ring Gauges <sup>s</sup>	3mm to 100 mm 100mm to 200 mm	2.0 $\mu$ m 4.0 $\mu$ m	Using Horizontal Metroscope
17.	Measuring Pin <sup>s</sup>	1mm to 10 mm	1.7 $\mu$ m	Using Horizontal Metroscope
18.	Inside Vernier Caliper <sup>s</sup> L.C. :0.010 mm	20mm to 150 mm	14.0 $\mu$ m	Using Caliper Checker
19.	Internal Caliper <sup>s</sup> L.C. :0.025 mm	10mm to 55 mm	15.4 $\mu$ m	Using Horizontal Metroscope

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**Page**            **3 of 3**

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20.	Thread Measuring Wire <sup>§</sup>	0.17mm to 3.20 mm	1.6 $\mu$ m	Using Horizontal Metroscope
21.	Flush Pin Gauge <sup>§</sup>	1mm to 250 mm	5.5 $\mu$ m	Using Linear Height Gauge
22.	Height Block <sup>§</sup>	Up to 250 mm	6.6 $\mu$ m	Using Linear Height Gauge

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

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