

**Laboratory** Indo German Tool Room, P-31, MIDC Industrial Area, Chikalthana, Aurangabad, Maharashtra  
**Accreditation Standard** ISO/IEC 17025: 2005  
**Certificate Number** CC-2434 **Page** 1 of 2  
**Validity** 30.10.2017 to 29.10.2019 **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>			
<b>1.</b>	Length Vernier Caliper <sup>s</sup> Digital Vernier Dial Vernier Vernier Caliper	0 to 150 mm 0 to 300 mm 0 to 600 mm	12 $\mu$ m 19 $\mu$ m 21 $\mu$ m	Using Caliper Checker By Comparison Method of UUC to Standard
<b>2.</b>	Micrometer <sup>s</sup> External Micrometer	0 to 25 mm x 0.001 0 to 25 mm x 0.01 25 mm to 100 mm x 0.01	2 $\mu$ m 7 $\mu$ m 9 $\mu$ m	Using Slip Gauge Set of Grade '0' By Comparison Method of UUC to Standard  Using Micrometer Checker By Comparison Method of UUC to Standard
<b>3.</b>	Dial Gauges <sup>s</sup> Plain Plunger Lever Type	0 to 10 mm 0 to 1 mm	7 $\mu$ m 6 $\mu$ m	Using Electronic Dial Gauge Calibrator By Comparison Method of UUC to Standard
<b>4.</b>	Height Gauge <sup>s</sup>	0 to 600 mm	16 $\mu$ m	Using Caliper checker By Comparison method of UUC to Standard
<b>5.</b>	Feeler Gauge <sup>s</sup>	Up to 1 mm	5 $\mu$ m	Using External Digital Micrometer By Comparison Method of UUC to Standard

**Ram Ashray**  
**Convenor**

**Avijit Das**  
**Program Director**

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6.	Bore Gauge <sup>§</sup>	0 to 2 mm Transmission Movement	8 $\mu$ m	Using Slip Gauge Accessories By Comparison Method of UUC to Standard

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

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

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