

Laboratory

Shrikrupa Calibration & Servicing Center, 23, Pundlikbaba Colony,  
By-Pass Road, Amravati, Maharashtra

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number

CC-2015 (in lieu of C-1186)

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Validity

27.02.2017 to 26.02.2019

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>			
<b>1.</b>	Caliper <sup>s</sup> (Vernier, Dial, Digital) L.C.: 0.01 mm or Coarser	0 to 600 mm	12 $\mu$ m	Using Caliper Checker and Slip Gauge Set by Comparison Method
<b>2.</b>	Height Gauge <sup>s</sup> (Vernier, Dial, Digital) L.C.: 0.01 mm or Coarser	0 to 600 mm	16 $\mu$ m	Using Caliper Checker & Slip Gauge Set, Surface Plate by Comparison Method
<b>3.</b>	External Micrometer <sup>s</sup> L.C.: 0.01 mm or Coarser	0 to 25 mm	1.5 $\mu$ m	Using Slip Gauge Set by Comparison Method
<b>4.</b>	Dial Thickness Gauge <sup>s</sup> L.C.: 0.001 mm or Coarser	0 to 25 mm	3.2 $\mu$ m	Using Slip Gauge Set by Comparison Method
<b>5.</b>	Feeler Gauge <sup>s</sup> L.C.: 0.001 mm or Coarser	0.5 mm to 1 mm	5 $\mu$ m	Using Digital External Micrometer by Comparison Method

Rajeshwar Kumar  
Convenor

Avijit Das  
Program Director

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II.	PRESSURE INDICATING DEVICES			
1.	Digital/Analogue Pressure Gauge <sup>§</sup>	0 to 50 bar 0 to 700 bar	0.94 bar 1.03 bar	Using Digital Pressure Calibrator with External Sensors by Comparison Method
III.	UTM, TENSION CREEP AND TORSION TESTING MACHINE			
1.	Calibration of Uniaxial Testing Machines <sup>*</sup>			
	Tension	1 kN to 200 kN	0.74 %	Using Load Cell with Display (Class 0.5/ Class I Accuracy)
	Compression	2 kN to 3000 kN	0.76 %	Using Load Cell with Display (Class-I Accuracy)

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

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

<sup>\*</sup>Only for Site Calibration

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