



NABL

Department of Science & Technology, India

SCOPE OF ACCREDITATION

Laboratory Classic Instrumentation Pvt Ltd., C-45, Sector-65, Noida

Accreditation Standard ISO/IEC 17025:2005

Discipline Mechanical Calibration Issue Date 01.08.2012

Certificate Number C-0211 Valid Until 31.07.2014

Last Amended on - Page 4 of 6

Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
26. SCALE & TAPE CALIBRATION ¹	Upto 1000 mm & 30 mts	290.0 μm	Using Length Measuring Machine
27. RPM MEASUREMENT RPM & TACHOMETER ¹	25 to 100 rpm	5%	Using Non Contact Digital Meter
	< 100 to 14000 rpm	1%	
28. TOOL MAKERS MICROSCOPE ³	0 to 300 mm	4.0 μm	Using Slip Gauges
29. DUROMETER ¹	20 to 90 shore A	0.8 N	Using Weighing Balance Comparator Stand, Spring Force Calibration only as per ASTM-D-2240:2005
	20 to 90 shore D	0.8 N	
30. SURFACE PLATE ²	2000 x 2000 mm	$3.6 \sqrt{\frac{L+W}{200}} \mu\text{m}$ (L & W are in mm)	Using WYLER (Electronic Level)
31. MASS ¹	50 kg	3.3 g	Using Standard Weights (F 1 Class)& Balance, Substitution Method & ABBA Weighing Cycle
	20kg	2.9g	
	10 kg	2.9g	
	5 kg	2.9g	
	2kg	1.7g	
	1kg	15mg	
	500g	15mg	
	200g	15mg	
	100g	2.9mg	
	50g	2.9mg	
	20g	2.9mg	
10g	2.9mg		


Convenor