



NABL

Department of Science & Technology, India

SCOPE OF ACCREDITATION

Laboratory	Classic Instrumentation Pvt Ltd., C-45, Sector-65, Noida	Issue Date	01.08.2012
Accreditation Standard	ISO/IEC 17025:2005	Valid Until	31.07.2014
Discipline	Mechanical Calibration	Page	1 of 6
Certificate Number	C-0211		
Last Amended on	-		

Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (\pm)	Remarks
1. CALIPERS ¹ L.C. 0.01 mm	Upto 150mm Upto 450mm	7.0 μ m 9.0 μ m	Using Caliper Checker & Slip gauge set
L.C.0.02mm	Upto 150mm Upto 600mm	14.0 μ m 16.0 μ m	
2. EXTERNAL MICROMETER ¹ L.C. 0.001mm	0 to 25mm 0.150mm	1.5 μ m 2.5 μ m	Using Slip Gauge Set
L.C. 0.01mm	0 to 25mm 0.150mm	6.0 μ m 7.0 μ m	
3. HEIGHT GAUGES ¹ L.C.0.01mm L.C.0.02mm	Upto 600mm Upto 600mm	9.8 μ m 14.0 μ m	Using Caliper Checker
4. DIAL GAUGE ¹ L.C.0.001mm	Upto 1mm Upto 10mm	1.5 μ m 4.0 μ m	Using Comparator stand+slip Gauge set
L.C.0.002mm L.C.0.01mm	Upto 1mm Upto 10mm	1.5 μ m 6.5 μ m	
5. DIAL THICKNESS GAUGE ¹ L.C.0.01mm	Upto 25mm	6.0 μ m	Using Slip Gauge Set+ Accessories
6. FEELER GAUGE ¹	Upto 1mm	1.8 μ m	Using Micrometer


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7. SNAP GAUGE ¹	Upto 100mm	2.8 μ m	Using Slip Gauge set
8. PLAIN PLUG GAUGE ¹	Upto 100mm	5.0 μ m	Using Dial Gauge +Comparator stand
9. THREAD GAUGE ¹	Upto 50 mm	3.5 μ m	Using Three wire set+ Micrometer
10. SURFACE PLATE ¹	2000 x 2000 mm	$3.6 \sqrt{\frac{L+W}{200}}$ μ m (L & W are in mm)	Using Electronic Wyler
11. BEVEL PROTRACTOR ¹	0 to 360 ⁰	3'	Using Angle Gauge Set
12. COMBINATION SET ¹	0 to 360 ⁰	3'	Using Angle Gauge Set
13. V BLOCK PARALLELISM FLATNESS ¹	200 mm 200 mm	6.4 μ m 6.4 μ m	Using Cylinder + Dial Gauge
14. TRY SQUARE ¹	Upto 300 mm	5.0 μ m	Using Profile Projector
15. SPIRIT LEVEL ¹	10 μ m/m	12 μ m	Using Electronic Wyler
16. PROFILE PROJECTOR ³ L.C. 1 μ m	0-360mm 10 to 100 X magnification Angle 0-360 ⁰	2.5 μ m 3.0% 3.7'	Using Glass scale + Angle Gauge set
17. BORE GAUGE ¹ L.C. 0.001 mm	Upto 150 mm	2.5 μ m	Using Slip Gauge Set+ Accessories


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18. COMPARATOR STAND ¹	150 mm x 150 mm base	4.5 μ m	Using Flatness only
19. RADIUS GAUGE ¹	Upto 100 mm	10.0 μ m	Using Profile Projector+ Radius chart
20. PIN GAUGE ¹	Upto 20mm	2.0 μ m	Using Dial Gauge+Slip Gauge Set
21. TEST SIEVES ¹	40 μ m to 100 μ m 100 μ m to 850 μ m 850 μ m to 4mm 4 mm to 125 mm	12.0 μ m 12.0 μ m 30.0 μ m 30.0 μ m	Using Profile Projector Using Vernier Caliper
22. GLASS SCALE ¹ L.C. 0.01mm L.C. 0.1mm	Upto 20 mm >20 to 50 mm >50 to 100 mm >100 to 200 mm	13.0 μ m 24.0 μ m 42.0 μ m 82.0 μ m	Using Profile Projector
23. FORD CUP LINEAR DIM. ORFICE DIAMETER ¹	100mm (Linear) (Orfice diameter)	30.0 μ m 7.0 μ m	
24. DIAL CALIBRATION TESTER ¹ L.C. 0.001	Upto 25mm	4.1 μ m	Using Slip Gauge Grade 0 & Electronic Probe
25. INSIDE MICROMETER ¹ L.C. 0.001mm L.C. 0.01mm	0-25mm 0.150mm 0.150mm	1.5 μ m 2.5 μ m 7.0 μ m	Using Slip Gauge Set


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