



# NABL

**Department of Science & Technology, India**

## SCOPE OF ACCREDITATION

Laboratory	Mechanical Measurements Laboratory, Centre for Calibration, Nagman, Chennai		
Accreditation Standard	ISO/IEC 17025: 2005		
Field	Mechanical Calibration	Issue Date	03.02.2010
Certificate Number	C-0163	Valid Until	02.02.2012
Last Amended on	17.05.2010	Page	1 of 4

Quantity Measured / Instrument	Range	* Calibration Measurement Capability ( $\pm$ )	Remarks
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### AT LABORATORY

1. MASS /WEIGHTS	1mg to 500mg 500mg to 20g 50g 100g  200g 500g 1000g	0.013mg 0.03mg 0.04mg 0.11mg  0.37mg 1.23mg 8.4mg	Using Standard Weights (E1 Class)  Using Standard Weights (E2 Class)
2. SOUND/ SOUND LEVEL METER	94dB & 114dB	1.22dB	Using Sound Level Calibrator
3. DIMENSIONAL /CALIPER (DIGITAL,DIAL,VERNIER) L.C.: 0.01 mm L.C.: 0.02 mm	0 to 600 mm 0 to 600 mm	16.8 $\mu$ m 19.5 $\mu$ m	Using Caliper Checker
4. DIMENSIONAL / HEIGHT GAUGE (DIGITAL,DIAL,VERNIER) L.C.: 0.01 mm L.C.: 0.02 mm	0 to 600 mm 0 to 600 mm	18.1 $\mu$ m 21.0 $\mu$ m	Using Caliper Checker
5. MICROMETER (EXTERNAL) L.C.: 0.01 mm	0 to 100 mm	8.0 $\mu$ m	Using Gauge Block Set
6. SNAP GAUGE	Upto 100mm	6.3 $\mu$ m	Using Gauge Block Set

Convenor