

Laboratory Manjula Laboratory, 13-B, Friends Industrial Estate, Focal Point, Ludhiana, Punjab

Accreditation Standard ISO/IEC 17025:2005

Discipline Mechanical Calibration **Issue Date** 21.07.2015

Certificate Number C-0545 **Valid Until** 20.07.2017

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Quantity Measured / Instrument	Range/ Frequency	* Calibration Measurement Capability (\pm)	Remarks
I. DIMENSION			
1. EXTERNAL MICROMETER ^{\$} L.C. 0.001 mm ^Φ	Upto 150 mm	1.9 μ m	Using Slip Gauge Blocks Carbide Gr. 0 by Comparison Method
2. VERNIER CALIPER ^{\$} (Dial & Electronic) L.C. 0.01 mm ^Φ	Upto 600 mm	16 μ m	Using Caliper Checker by Comparison IS 3651 (Part-II):1985
3. HEIGHT GAUGE ^{\$} (DIGITAL / ANALOGUE) L.C. 0.01 mm ^Φ	Upto 600 mm	16 μ m	Using Caliper Checker by Comparison IS 2921-1988
4. SNAP GAUGE ^{\$}	5 mm to 150 mm	3.0 μ m	Using Slip Gauge Blocks Carbide Grade 0 by Comparison IS: 3455:1971
5. FEELER GAUGE ^{\$}	Upto 1 mm	2.8 μ m	Using Digital Micrometer
6. SCREW PITCH GAUGE ^{\$}	Upto 6 mm	10 μ m	Using Profile Projector With DRO & AUTO CAD Software

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

^{\$}Only in Permanent Laboratory

^ΦLaboratory can also calibrate instruments/devices of coarser resolution / least count within the accredited range using same reference standard/ master equipment under the scope of accreditation.

Srikanth R
Convenor

Avijit Das
Program Manager