

Laboratory	Lab House, 101, Yogeshwar Bld., Vasai Road (East), Thane, Maharashtra		
Accreditation Standard	ISO/IEC 17025:2005		
Discipline	Mechanical Calibration	Issue Date	07.08.2015
Certificate Number	C-1256	Valid Until	06.08.2017
Last Amended on	-	Page	1 of 1

Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (\pm)	Remarks
I. DIMENSION			
1. VERNIER CALIPER^{\$} L.C.: 0.01 mm ^Φ	0 to 300 mm	10.0 μ m	Using Caliper Checker by Comparison Method
2. EXTERNAL MICROMETER^{\$} L.C.: 0.001 mm ^Φ	0 to 100 mm	10 μ m	Using Carbide Slip Gauge Set by Comparison Method
3. HEIGHT GAUGE^{\$} L.C.: 0.01 mm ^Φ	0 to 300 mm	10.0 μ m	Using Caliper Checker by Comparison Method
II. PRESSURE AND VACUUM			
1. PRESSURE GAUGES[#] (Dial & Digital)	0 to 30 bar	0.6 bar	Using Pressure Gauge by Comparison Method as per DKD-R-6-1
2. VACUUM GAUGES[#] (Dial & Digital)	(-) 0.8 bar to 0 bar	0.1 bar	Using Digital Vacuum Gauge by Comparison Method as per IS 8244

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

^{\$} Only in Permanent Laboratory

[#] The laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.

^Φ Laboratory 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.