Laboratory	**Endurance Technologies Ltd., Calibration Laboratory, Gat. No. 416, Village – Takve, Post. – Vadgaon, Tal. – Maval, Dist. – Pune**		
Accreditation Standard	**ISO/IEC 17025:2005**		
Field	**Mechanical Calibration**	**Issue Date**	**22.02.2012**
Certificate Number	**C-0477**	**Valid Until**	**21.02.2014**
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Measured Qty / Instrument	Range/ Frequency	*Calibration Measurement Capability (±)	Remarks
AT LABORATORY			
1. CALIPER (VERNIER, DIAL, DIGITAL)			
L.C. 0.02 mm	0 to 600 mm	18.6 µm	Using Caliper Checker
L.C. 0.01 mm	0 to 300 mm	11.7 µm	Using Slip Gauge Blocks By comparison
2. DEPTH GAUGE (VERNIER, DIAL, DIGITAL)			
L.C. 0.02 mm	0 to 300 mm	15.0 µm	Using Depth Micrometer
L.C. 0.01 mm	0 to 300 mm	9.0 µm	Checker (step Gauge) By comparison
3. HEIGHT GAUGE (VERNIER, DIAL & ELECTRONIC)			
L.C. 0.02 mm	0 to 600 mm	19.5 µm	Using Caliper Checker
L.C. 0.01 mm	0 to 600 mm	17.0 µm	Using Slip Gauge Blocks By comparison
4. EXTERNAL MICROMETER			
L.C. 0.01 mm	0 to 100 mm	4.0 µm	Using Micrometer Checking Set By comparison
L.C. 0.001 mm	100mm to 300 mm	5.0 µm	Using Long Slip
	0 to 100 mm	2.1 µm	Gauge Blocks By comparison

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	Measured Qty / Instrument	Range/ Frequency	*Calibration Measurement Capability (±)	Remarks
5.	**INTERNAL MICROMETER (2 point)**			
	L.C. 0.01 mm	Upto 150 mm	6.5 µm	Using Slip Gauge Accessory Set & Slip Gauge Blocks By comparison
6.	**DIAL GAUGE – (PLUNGER TYPE)**			
	L.C. 0.001 mm	Upto 25 mm	3.0 µm	Using Dial Calibration
	L.C. 0.01 mm	Upto 25 mm	4.5 µm	Tester
7.	**DIAL GAUGE (LEVER TYPE)**			
	L.C. 0.001 mm	Upto 2.0 mm	3.0 µm	Using Dial Calibration
	L.C. 0.01 mm	Upto 2.0 mm	4.5 µm	Tester
8.	**DEPTH MICROMETER**			
	L.C. 0.01 mm	0 to 300 mm	7.4 µm	Using Depth Micrometer Checker By comparison
9.	**BORE GAUGE FOR TRANSMISSION ONLY**	Upto 1.0 mm	4.0 µm	Using Dial Calibration Tester By comparison
10.	**PLAIN PLUG GAUGE**	Upto 200 mm	1.7 µm	Using Electronics Comparator, Slip Gauge Block By comparison
11.	**PLAIN SNAP GAUGE**	Upto 150 mm	1.5 µm	Using Slip Gauge Block

	Measured Qty / Instrument	Range/ Frequency	*Calibration Measurement Capability (±)	Remarks
12.	**FEELER GAUGE**	Upto 1 mm	3.5 µm	Using Digital Micrometer
13.	**MEASURING PINS**	0.5mm to 20 mm	1.0 µm	Using Electronics Comparator, Slip Gauge Block By comparison
14.	**MICROMETER SETTING STANDARD**	Upto 300 mm	2.2 µm	Using Electronics Comparator, Slip Gauge Block By comparison
15.	**DIAL THICKNESS GAUGE**			
	L.C. 0.01 mm	Upto 10 mm	4.0µm	Using Slip Gauge Block
	L.C. 0.001 mm	Upto 1 mm	1.3 µm	By comparison
16.	**PISTOL CALIPER**			
	L.C. 0.1 mm	0 - 50 mm	36.0 µm	Using Slip Gauge Block By comparison
17.	**COMPARATOR WITH STAND**			
	L.C. 0.0001 mm	Upto 1.0 mm	0.5 µm	Using Slip Gauge Block
	L.C. 0.001 mm	Upto 1.0 mm	1.0 µm	By comparison
18.	**DIAL CALIBRATION TESTER**			
	L.C. 0.001 mm / L.C. 0.0001 mm	0 to 25 mm	1.0 µm	Using Electronics Probe with DRO & Slip Gauge Blocks By comparison

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	Measured Qty / Instrument	Range/ Frequency	*Calibration Measurement Capability (±)	Remarks
19.	**THREAD PLUG GAUGE**	3mm to 100mm	3.5 µm	Using Digital Micrometer, Thread Measuring Wires
AT-SITE				
1.	**ELECTRONIC HEIGHT GAUGE L.C. 0.001 mm**	0- 600 mm	13.5 µm	Using Length Bars and Slip Gauge Block by comparison
2.	**SURFACE PLATE CAST IRON / GRANITE**	Upto 2400X 1600 mm	$3.1\sqrt{\frac{L+W}{100}}\mu m$ Where 'L' is Length in mm 'W' is width in mm	Using Spirit Level

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