Laboratory	**Use-Tech Calibration Laboratory, 14/4/3, Anand Nagar Industrial Estate, Anand Nagar, Bhosari, Pune, Maharashtra**		
Accreditation Standard	**ISO/IEC 17025: 2005**		
Discipline	**Mechanical Calibration**	**Issue Date**	**11.09.2015**
Certificate Number	**C-0724**	**Valid Until**	**10.09.2017**
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Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
I. DIMENSION			
1. CALIPERS $ (Vernier / Dial / Digital)			
L.C.: 10 µm Φ	0 to 600 mm	14.0 µm	Using Gauge Block Set & Caliper Checker & External Micrometer by Comparison Method
2. DEPTH GAUGE $ (Vernier / Dial / Digital)			
L.C.: 10 µm Φ	Upto 200 mm	12.0 µm	Using Gauge Blocks Set & Surface Plate by Comparison Method
3. HEIGHT GAUGE $ (Vernier / Dial / Digital)			
L.C.: 10 µm Φ	0 to 600 mm	12.0 µm	Using Gauge Block Set & Caliper Checker & Surface Plate by Comparison Method
4. EXTERNAL MICROMETER $			
L.C.: 1 µm	0 to 150 mm	2.2 µm	Using Gauge Block Set by Comparison Method
L.C.: 10 µm	0 to 100 mm >100 mm to 300 mm	6.2 µm 7.8 µm	
5. MICROMETER SETTING ROD $	Upto 275 mm	4.0 µm	Using Gauge Blocks Set & Electronic Probe by Comparison Method
6. DEPTH MICROMETER $	Upto 150 mm	9.0 µm	Using Gauge Blocks Set by Comparison Method

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	Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
7.	**DIAL GAUGES** [$] **(Plunger Type)**			
	L.C.: 1 µm	0 to 5 mm	4.5 µm	Using Gauge Block Set, Dial Calibration Tester by Comparison Method
	L.C.: 10 µm	0 to 50 mm	8.5 µm	
8.	**DIAL GAUGES** [$] **(Lever Type)**			
	L.C.: 1 µm	0 to 0.14 mm	4.2 µm	Using Dial Calibration Tester by Comparison Method
	L.C.: 2 µm	0 to 0.18 mm	4.2 µm	
	L.C.: 10 µm	0 to 2.0 mm	6.9 µm	
9.	**BORE GAUGE WITH DIAL FOR TRANSMISSION** [$]			
	L.C. 10 µm	Upto 1.0 mm	7.5 µm	Using Dial Calibration Tester by Comparison Method
10.	**PLAIN PLUG GAUGE** [$]	0 to 50 mm	2.0 µm	Using Electronic Probe & Gauge Block Set by Comparison Method
		> 50 mm to 300 mm	5.0 µm	
11.	**PLAIN RING GAUGE** [$]	4 mm to 100 mm	2.3 µm	Using LMM & Master Ring Gauge by Comparison Method
		> 100 mm to 300 mm	4.8 µm	
12.	**SNAP GAUGE** [$]	Upto 50 mm	1.0 µm	Using Gauge Block Set by Comparison Method
		> 50 mm to 250 mm	3.5 µm	
13.	**CYLINDRICAL MEASURING PINS** [$]	Upto 20 mm	1.3 µm	Using Electronic Probe & Gauge Block Set by Comparison Method

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	Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
14.	**CYLINDRICAL SETTING MASTER** [$]			
	Diameter Variation	0 to 100 mm	3.1 µm	Using Gauge Block Set & FCDM & Electronic Probe by Comparison Method
	Concentricity	0 to 100 mm	1.8 µm	
15.	**DIAL CALIBRATION TESTER** [$]			
	L.C.: 0.2 µm	Upto 25 mm	1.5 µm	Using Gauge Block Set & Electronic Probe by Comparison Method
16.	**FEELER GAUGE** [$]	Upto 1 mm	2.0 µm	Using Electronic Probe & Gauge Block sets by Comparison Method
17.	**THREAD PLUG GAUGE EFFECTIVE DIAMETER** [$]	Upto 100 mm	3.6 µm	Using LMM Cylindrical Setting Master & Thread Measuring Wires by Comparison Method
		> 100 mm to 300 mm	4.6 µm	
18.	**THREAD RING GAUGE EFFECTIVE DIAMETER** [$]	4 mm to 100 mm	2.4 µm	Using LMM / Master Ring & Thread Measuring Wires by Comparison Method
		>100 mm to 300 mm	4.0 µm	
19.	**TAPER THREAD PLUG GAUGE** [$] **(EFFECTIVE DIAMETER)**	Upto 100 mm	4.2 µm	Using FCDM / LMM & Thread Measuring Wires by Comparison Method
		> 100 mm to 300 mm	4.5 µm	

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	Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
20.	**TAPER THREAD RING GAUGE EFFECTIVE DIAMETER $**	Upto 100 mm	3.5 µm	Using LMM & Master Ring by Comparison Method
21.	**PISTOL CALIPER $ L C.100 µm**	Upto 50 mm	75.0 µm	Using Gauge Block Set by Comparison Method
22.	**FEELER GAUGE $**	Upto 1 mm	2.0 µm	Using Electronic Probe & Gauge Block Set by Comparison Method

*** Measurement Capability is expressed as an uncertainty (±) at a confidence probability of 95%**
$Only in Permanent Laboratory
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.

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