Laboratory	**Perfect Calibration Centre Pvt. Ltd., MIG 1366, 10th Phase, New Royakottai Hudco, Hosur, Tamil Nadu**		
Accreditation Standard	**ISO/IEC 17025: 2005**		
Discipline	**Mechanical Calibration**	**Issue Date**	**03.07.2014**
Certificate Number	**C-1088**	**Valid Until**	**02.07.2016**
Last Amended on	**-**	**Page**	**1 of 3**

Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
I. DIMENSION			
1. CALIPER (DIAL, DIGITAL,ANALOG)			
L. C. : 0.01 mm$^{\Phi}$	0 to 300 mm	11.5µm	Using Caliper Checker "0" Grade Slip Gauge. By Comparison Method
L. C. : 0.01 mm$^{\Phi}$	300 mm to 600 mm	24.0 µm	
2. DEPTH VERNIER			
L. C. : 0.01 mm$^{\Phi}$	0 to 300 mm	8.8 µm	Using Caliper Checker "0" Grade Slip Gauge & Accessories By Comparison Method
3. HEIGHT GAUGES (DIGITAL /DIAL)			
L. C.: 0.01 mm$^{\Phi}$	0 to 600 mm	22.5 µm	Using Caliper Checker By Comparison Method
4. EXTERNAL / FLANGE/ BALL/BLADE/PITCH/ POINT MICROMETER			
L. C.: 0.001 mm$^{\Phi}$	0 to 150 mm	6.1 µm	Using "0" Grade Slip Gauge Block Accessories By Comparison Method
5. DEPTH MICROMETER			
L. C.: 0.01 mm$^{\Phi}$	0 to 150 mm	5.7 µm	Using Caliper Checker "0" Grade Slip gauges Block Accessories By Comparison Method

Avijit Das
Program Manager

Neeraj Verma
Convenor

Laboratory	**Perfect Calibration Centre Pvt. Ltd., MIG 1366, 10th Phase, New Royakottai Hudco, Hosur, Tamil Nadu**		
Accreditation Standard	**ISO/IEC 17025: 2005**		
Discipline	**Mechanical Calibration**	**Issue Date**	**03.07.2014**
Certificate Number	**C-1088**	**Valid Until**	**02.07.2016**
Last Amended on	**-**	**Page**	**2 of 3**

	Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
6.	**INTERNAL MICROMETER/ STCK MICROMETER** **L. C.: 0.01 mm**	0 to 600 mm	8.1 µm	Using Caliper Checker "0" Grade Slip gauges Block Accessories By Comparison Method
7.	**PISTOL CALIPER** **L. C.: 0.1 mm**	0 to 100 mm	60 µm	Using "0" Grade Slip Gauge By Comparison Method
8.	**SNAP GAUGE/ ADJUSTABLE SNAP GAUGE**	0 to 100 mm	1.7 µm	Using "0" Grade Slip Gauge By Comparison Method
9.	**PLUNGER DIAL GUAGE/ INDICATOR** **L. C.: 0.001 mm$^{\Phi}$**	0 to 25 mm	2.4 µm	Using Dial Calibration Tester By Comparison Method
10.	**LEVER DIAL GAUGE/ INDICATORS** **L. C.: 0.001 mm$^{\Phi}$**	0 to 1 mm	2.3 µm	Using Dial Calibration Tester By Comparison Method
11.	**DIAL BORE GAUGE/ BORE GAUGE (TRANSMISSION ERROR)**	1.5 mm	2.9 µm	Using Dial Calibration Tester By Comparison Method

Avijit Das
Program Manager

Neeraj Verma
Convenor

Laboratory	**Perfect Calibration Centre Pvt. Ltd., MIG 1366, 10th Phase, New Royakottai Hudco, Hosur, Tamil Nadu**		
Accreditation Standard	**ISO/IEC 17025: 2005**		
Discipline	**Mechanical Calibration**	**Issue Date**	**03.07.2014**
Certificate Number	**C-1088**	**Valid Until**	**02.07.2016**
Last Amended on	**-**	**Page**	**3 of 3**

	Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
12.	**FEELER GAUGE**	0 to 1 mm	2.3 µm	Using Micrometer By Comparison Method
13.	**DIAL THICKNESS GAUGE L. C.: 0.001 mm$^{\Phi}$**	0 to 50 mm	2.6 µm	Using "0" Grade Slip Gauge By Comparison Method
14.	**HEIGHT MEASURING SYSTEM$^{\clubsuit}$ L. C.: 0.001 mm**	0 to 600 mm	8.6 µm	Using Caliper Checker By Comparison Method
II.	**PRESSURE & VACUUM**			
1.	**PRESSURE GAUGE$^{\clubsuit}$**	0 to 40 bar 0 to 700 bar	0.16% rdg 0.15 % rdg	Using Digital Pressure Calibrator based on DKD R6-1
2.	**VACUUM GAUGE$^{\clubsuit}$**	-0.80 to 0 bar	0.85 % rdg	Using Digital Pressure Calibrator based as DKD R6-2

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

$ Only in Permanent Laboratory

$^{\clubsuit}$ Only for Site Calibration

$^{\Phi}$ 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.

Avijit Das
Program Manager

Neeraj Verma
Convenor