Laboratory	**ITL Labs Private Limited, 317, Silver Sanchora Castle, 3rd Floor, 7 R.N.T. Marg, Indore, Madhya Pradesh**		
Accreditation Standard	**ISO/IEC 17025:2005**		
Discipline	**Mechanical Calibration**	**Issue Date**	**22.05.2014**
Certificate Number	**C-1066**	**Valid Until**	**21.05.2016**
Last Amended on	**-**	**Page**	**1 of 2**

Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
I. MASS			
1. Mass/ Weights$	1mg	0.02mg	Using Precision SS weight E_2 Class , /F_1 Class, SS CI Weights & Electronic Balance as per OIML R-111 & OIML-R76
	2mg	0.054mg	
	5mg	0.06mg	
	10mg	0.06mg	
	20mg	0.06mg	
	50mg	0.06mg	
	100mg	0.06mg	
	200mg	0.06mg	
	500mg	0.06mg	
	1g	0.06mg	
	2g	0.073mg	
	5g	0.073mg	
	10g	0.22mg	
	20g	0.22mg	
	50g	0.22mg	
	100g	0.32mg	
	200g	0.37mg	
2. Weighing Balance#	1 mg to 200 g	0.44 mg	Using Standard weights as per OIML R-111 & OIML-R76
II. VOLUME			
1. Volume$	10µl to 1000µl	1 µl	Using Precision SS weight E_2 Class , weights & Digital weighing balance as per OIML R-111 & OIML-R76
	>1ml to 100ml	0.2ml	
	>100ml to 500ml	0.2ml	
	>500ml to 1000ml	2ml	

R. Prakash
Accreditation Officer-I

Avijit Das
Technical Manager

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Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
III. ACCELERATION & SPEED			
1. RPM Contact & Non Contact#	85 r/min to 2000 r/min 2000 r/min to 20000 r/min	2r/min 2r/min	Using Digital Tachometer by comparison method
IV. PRESSURE & VACUUM#			
1. Pressure Gauges	0 to 20 bar 0 to 350 bar	0.11bar 0.60 bar	Using Digital Pressure Gauge with hydraulic pump, & Pneumatic pump as per DKD R 6-1
2. Vacuum Gauges	0 to (-)600 mmHg	20 mmHg	Using Pressure calibrator with vacuum mode as per DKD R 6-2
V. TIMER#	Up to 1 hour	1.2Sec	Using Stop Watch by comparison method

*** Measurement Capability is expressed as an uncertainty (±) 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.

R. Prakash
Accreditation Officer-I

Avijit Das
Technical Manager