Laboratory	**Pascal Solutions, # 81, 2nd "A" Cross, Pipeline Road, J. C. Nagar, Bangalore, Karnataka**
Accreditation Standard	**ISO/IEC 17025: 2005**
Certificate Number	**CC-2862** **Page 1 of 2**
Validity	**10.10.2018 to 09.10.2020** **Last Amended on -**

	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
	MECHANICAL CALIBRATION			
I.	**DIMENSION (PRECISION INSTRUMENTS)**			
1.	CNC Machine Tools♣ a)Positional Accuracy	10 m	$(0.2 + \frac{L}{600}\ \mu m)$ L in mm	a) Using Laser Interferometer System With related Optics
	b) Straightness	4 m	1.4 μm	b) Using Laser Interferometer System With related Optics
	c) Indexing Accuracy	360°	3.5 arc sec	c) Using Laser Interferometer System with Rotary Calibrator
	d) Interpolation Accuracy	Φ 300, 360°	3.1 μm	d) Ball Bar System
2.	Rotary/ Indexing Table♣	360°	3.5 arc sec	Using Laser Interferometer System with Rotary Calibrator
3.	ULM/LMM♣ L.C.: 0.1 μm	400 mm	$(0.2 + \frac{L}{550}\ \mu m)$ L in mm	Using Laser Interferometer System With related Optics

Shally Sharma
Convenor

Anuja Anand
Program Manager

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	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
4.	Laser Interferometer[$]	3 m	$(0.2 + \frac{L}{650}\ \mu m)$ L in mm	Using Master Laser Interferometer System with Related Accessories

*** Measurement Capability is expressed as an uncertainty (±) at a confidence probability of 95%**
[$]Only in Permanent Laboratory
[*]Only for Site Calibration

Shally Sharma
Convenor

Anuja Anand
Program Manager