Laboratory	**Aimil Calibration Laboratory, Naimex House , A8, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi**		
Accreditation Standard	**ISO/IEC 17025: 2005**		
Certificate Number	**CC-2441*(In lieu of C-0270)***	**Page**	**1 of 1**
Validity	**10.02.2018 to 09.02.2020**	**Last Amended on**	**-**

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
	MECHANICAL CALIBRATION			
I.	**PRESSURE INDICATING DEVICES**			
1.	Pressure Indicating Devices[$] (Hydraulic)	2.5 bar to 30.5 bar 30 bar to 600 bar	0.99% of rdg 0.32% of rdg	Using Dead Weight Tester by Comparison Method as per DKD-R6-1
2.	Pressure Indicating Devices[#] (Hydraulic)	0 to 600 bar	0.34% of rdg	Using Digital Pressure Gauge By Comparison Method as per DKD-R6-1
II.	**ACCELERATION AND SPEED**			
1.	RPM of Vibrators Centrifuge, Los Angelos Abrasion Testing Machine, Vibrating Machine[#]	10 RPM to 20000 RPM	1.94 %	Using Tachometer as per SANAS TR45-01
III.	**UTM, TENSION CREEP AND TORSION TESTING MACHINE**			
1.	Verification of Uni-axial Testing Machines in Compression Mode	0 kN to 1000 kN 1000 kN to 3000 kN	0.45 % 0.50 %	Using Proving Ring, Dynamometer, Load Cell as per IS 1828 (Part 1)

*** 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.

Battal Singh
Convenor

Avijit Das
Program Director