Laboratory	**Industrial Calibration Services, 46, Kulakkarai Street, Poonamallee, Chennai, Tamil Nadu**		
Accreditation Standard	**ISO/IEC 17025: 2005**		
Certificate Number	**CC-2777**	**Page**	**1 of 2**
Validity	**25.07.2018 to 24.07.2020**	**Last Amended on**	**-**

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
		MECHANICAL CALIBRATION		
I.	**HARDNESS TESTING MACHINES**			
1.	Rockwell & Rockwell Superficial Hardness Testers♣	HRA HRBW HRC HR 15 N HR 30 N HR 45 N HR 15 T HR 30 T HR 45 T	0.76HRA 0.81 HRBW 0.57 HRC 0.76 HR 15N 0.86 HR 30 N 0.84 HR 45 N 1.16 HR 15 T 1.04 HR 30 T 1.29 HR 45 T	Using Standard Hardness Blocks (Indirect verification) As per IS 1586: Part 2 ISO 6508-2
2.	Brinell Hardness Tester ♣	HBW 2.5/62.5 HBW 2.5/187.5 HBW 5/750 HBW 10/3000	2.77% 1.85% 1.66% 1.35%	Using Standard Hardness Blocks (Indirect Verification) As Per IS 1500 : Part 2 ISO 6506- 2
3.	Vickers Hardness Tester♣	HV 0.2 HV 0.5 HV 1 HV 5 HV 10 HV 30	3.5% 3.30% 3.40% 2.63% 2.20% 2.06%	Using Standard Hardness Blocks (Indirect Verification) As Per IS 1500 : Part 2 ISO 6507- 2

Shally Sharma
Convenor

Anuja Anand
Program Manager

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II.	**UTM, TENSION CREEP AND TORSION TESTING MACHINE**			
1.	Universal Testing Machine♣			Using Load Cells with Indicator as per IS 1828 Part- 1, ISO 7500-1
	Tension	50 N to 50 kN	0.76 %	
	Compression	100 N to 5 kN	0.86%	
		5 kN to 1000 kN	0.36 %	

*** Measurement Capability is expressed as an uncertainty (±) at a confidence probability of 95%**
♣Only for Site Calibration

Shally Sharma
Convenor

Anuja Anand
Program Manager