

Laboratory Megatech Engineering & Services Pvt. Ltd., A2/10 Tapovan,
 Dongre Park, Chembur, Mumbai, Maharashtra
Accreditation Standard ISO/IEC 17025: 2005
Certificate Number CC-2354 (in lieu of C-0983) **Page** 1 of 1
Validity 26.11.2017 to 25.11.2019 **Last Amended on** -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>MECHANICAL CALIBRATION</u>				
I.	UTM, TENSION CREEP AND TORSION TESTING MACHINE			
1.	Verification of Digital Static Uniaxial Testing Machine (UTM & CTM)* Compression And Tension Mode (Class 1 and coarser)	1 kN to 450 kN	0.23 %	Using Class 0 / Class 1 Load Cells as per IS 1828 (Part1)
II.	DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)			
1.	Calibration of Displacement System of CTM/UTM* (Crosshead And Actuator Displacement)	2 mm to 400 mm	0.14 mm	Using Digital Height Gauge as per ASTM E2309-16 (Cl. 5.1 & able1)

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

*Only for Site Calibration

Sangeeta Kunwar
 Convenor

Avijit Das
 Program Director