

Laboratory

Hemshell Services-Calibration Division, 903/1, Makarpura GIDC
Estate, Makarpura, Vadodara, Gujarat

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number

CC-2920

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Validity

13.12.2018 to 12.12.2020

Last Amended on -

"In view of the transition for ISO/IEC 17025:2017, the validity of this accreditation certificate will cease on 30.11.2020"

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>MECHANICAL CALIBRATION</u>				
I.	FORCE PROVING INSTRUMENTS			
1.	Force Proving Instruments [§] (Load Cell, Proving Ring, Dynamometer)	50 N to 5 kN	0.07 %	Using Dead Weight Force Machine & as per IS 4169:2014/ ISO 376:2011 for Class 1 and coarser FPI in compression as well as tension
II.	UTM, TENSION CREEP AND TORSION TESTING MACHINE			
1.	Uniaxial Static Testing Machines* (UTM, CTM, TTM etc.) in Compression & Tension modes	10 N to 500 N 500 N to 50 kN	0.30 % 0.25 %	Using Force Proving Instruments (Load Cells with Indicator) & as per IS 1828-1: 2015 for Class 1 and coarser testing machines

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

[§]Only in Permanent Laboratory

*Only for Site Calibration

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