



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SSI CALIBRATION LAB LLP, NO. 96, 4TH CROSS, 2ND MAIN, INDUSTRIAL LANE,
KAMAKSHI PALYA, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLC0826KA04938 **Page No** 1 of 4

Validity 20/07/2026 to 19/07/2030 **Last Amended on** 25/08/2026

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
Permanent Facility					
1	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	LVDT with Indicator (Displacement instrument) - L.C.: 0.01 mm	Using Micrometer Head by Comparison Method	0 to 25 mm	0.02 mm



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Site Facility					
1	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Medium: Digital Pressure Gauge	Using Pressure Transmitter With Indicator & Hydraulic Pressure Hand Pump by Comparison Method as per DKD R 6-1	0 to 350 bar	0.351 bar
2	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Medium: Differential Pressure Indicator	Using Differential Pressure Calibrator by Comparison Method as per DKD R 6-1	(-) 2000 Pa to 2000 Pa	3.61 Pa
3	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Medium: Digital Pressure Gauge	Using Pressure Transmitter with Indicator & Pressure Pump by Comparison Method as per DKD R 6-1	0 to 80000 Pa	10 Pa
4	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Medium: Pressure Gauge	Using Pressure Transmitter with Indicator & Pressure Pump by Comparison Method as per DKD R 6-1	0 to 1000 kPa	2.87 kPa



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Page No 3 of 4

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5	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Static Uniaxial Testing Machine (Compression Mode)	Using Precision Load Cell with Digital Load Indicator as per IS 1828: 2022 / ISO 7500-1: 2018	20 kN to 200 kN	0.5 %
6	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Static Uniaxial Testing Machine (Compression Mode)	Using Precision Load Cell with Digital Load Indicator as per IS 1828: 2022 / ISO 7500-1: 2018	200 N to 2000 N	0.7 %
7	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Static Uniaxial Testing Machine (Compression Mode)	Using Precision Load Cell with Digital Load Indicator as per IS 1828: 2022 / ISO 7500-1: 2018	20 N to 200 N	0.7 %
8	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Static Uniaxial Testing Machine (Compression Mode)	Using Precision Load Cell with Digital Load Indicator as per IS 1828: 2022 / ISO 7500-1: 2018	200 kN to 1000 kN	0.60 %
9	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Static Uniaxial Testing Machine (Tension Mode)	Using Precision Load Cell with Digital Load Indicator as per IS 1828 (part 1): 2022 / ISO 7500-1: 2018	2 kN to 20 kN	0.5 %



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Page No 4 of 4

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10	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Static Uniaxial Testing Machine (Tension Mode)	Using Precision Load Cell with Digital Load Indicator as per IS 1828: 2022 / ISO 7500-1: 2018	20 kN to 200 kN	0.5 %
11	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Static Uniaxial Testing Machine (Tension Mode)	Using Precision Load Cell with Digital Load Indicator as per IS 1828: 2022 / ISO 7500-1: 2018	20 N to 200 N	0.7 %
12	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Static Uniaxial Testing Machine (Tension Mode)	Using Precision Load Cell and Digital Load Indicator as per IS 1828: 2022 / ISO 7500-1: 2018	200 N to 2000 N	0.7 %
13	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Static Universal Testing Machine (Compression Mode)	Using Precision Load Cell with Digital Load Indicator as per IS 1828: 2022 / ISO 7500-1: 2018	2 kN to 20 kN	0.5 %

* CMCs represent expanded uncertainties expressed at approximately the 95% level of confidence, using a coverage factor of $k = 2$.