



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

FORCE MEASUREMENT (OPC) PRIVATE LIMITED, GROUND FLOOR, 224/1, GIDC
MAKARPURA, VADODARA, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4607

Page No

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Validity

29/11/2025 to 28/11/2029

Last Amended on

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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)(±)
Site Facility					
1	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	COD Gauge (L.C.: 0.001 mm)	Using Micrometer Head by Comparison Method	0 to 5 mm	21.25 µm
2	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Concrete Mould	Using Vernier Caliper by Comparison Method	Up to 150 mm x 150 mm x 150 mm	110.3 µm
3	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Extensometer (L.C.: 0.001 mm)	Using Micrometer Head by Comparison Method	0 to 3 mm	21.25 µm
4	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Compression Testing Machine, Universal Testing Machine - Compression Mode (Class 1 & Coarser)	Using Load Cell with Indicator by Comparison Method as per IS 1828 (Part 1): 2022	1 kN to 20 kN	0.75 %



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5	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Compression Testing Machine, Universal Testing Machine - Compression Mode (Class 1 & Coarser)	Using Load Cell with Indicator by Comparison Method as per IS 1828 (Part 1): 2022	1000 kN to 3000 kN	0.74 %
6	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Compression Testing Machine, Universal Testing Machine - Compression Mode (Class 1 & Coarser)	Using Load Cell with Indicator by Comparison Method as per IS 1828 (Part 1): 2022	20 kN to 50 kN	0.75 %
7	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Compression Testing Machine, Universal Testing Machine - Compression Mode (Class 1 & Coarser)	Using Load Cell with Indicator by Comparison Method as per IS 1828 (Part 1): 2022	50 kN to 1000 kN	0.75 %

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