



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SYSCON CALIBRATION CENTRE PVT. LTD., NO.66, ELECTRONICS CITY,
BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-2024

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Validity

03/02/2021 to 02/02/2023

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)(±)
7	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Electronic Probe (LVDT) LC 0.01 mm	Slip Gauges by Comparison method	0 to 50 mm	6.45µm
8	MECHANICAL-FORCE PROVING INSTRUMENTS	Load Cell with Indicators (tension & compression)(class 2 & coarser)	Universal Calibration Machine and comparison method	2 kN to 10 kN	0.13%
9	MECHANICAL-FORCE PROVING INSTRUMENTS	Load Cell with Indicators (compression and tension)(class 1 & coarser)	Universal Calibration machine and comparison method	10 kN to 100 kN	0.13%
10	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure Analog & Digital Pressure Gauges / Manometers/ Bourdon & other conventional gauges	Hydraulic Dead Weight Tester & DKD R6-1	0.1 MPa to 3.5 MPa	0.09% of rdg
11	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure Analog & Digital Pressure Gauges / Manometers/ Bourdon & other conventional gauges	Hydraulic Dead Weight Tester & DKD- R6-1	3.5 MPa to 70 MPa	0.16% of rdg