



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name SYSTEMS GAUGES AND TOOLS, S/79/1/B, OPP. ELECTRONIC SADAN, TELCO ROAD, BHOSARI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2482 Page No. : 1 / 10

Validity 11/09/2019 to 10/09/2021 Last Amended on 11/10/2019

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured / Instrument	Measurement range and additional parameters where applicable(Range and Frequency)	Calibration and Measurement Capability(CMC)(±)	Calibration or Measurement Method or procedure)
Permanent Facility					
1	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bore Gauge (Transmission up to 2 mm)	Up to 400 mm	3µm	Dial Gauge Calibration Tester
2	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper's (Vernier/Dial/Digital) (L. C. 0.01 mm)	0 to 600 mm	12.5µm	Caliper Checker
3	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper's (Vernier/Dial/Digital) (L. C. 0.01 mm)	0 mm to 300 mm	10µm	Caliper Checker
4	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper's (Vernier/Dial/Digital) (L. C. 0.02 mm)	0 to 300 mm	13.5µm	Caliper Checker
5	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper's (Vernier/Dial/Digital) (L. C. 0.02 mm)	0 to 600 mm	15µm	Caliper Checker



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6	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cylindrical Measuring Pins	0 to 20 mm	1.2µm	A Set of Slip Gauge & Electronic probe
7	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cylindrical Setting Masters (Concentricity)	2.5 mm to 100 mm	3.5µm	A Set of Slip Gauge & LMM
8	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cylindrical Setting Masters (Diameter)	2.5 mm to 100 mm	2.5µm	A Set of Slip Gauge & Electronic probe
9	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Gauge (Vernier/Dial/Digital) (L. C. 0.01 mm)	0 to 300 mm	13µm	A Set of Slip Gauge
10	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Gauge (Vernier/Dial/Digital) (L. C. 0.02 mm)	0 to 300 mm	13.5µm	A Set of Slip Gauge



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11	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer (L. C. 0.010 mm)	0 mm to 150 mm	7µm	A Set of Slip Gauge & Surface plate
12	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer (L. C. 0.001 mm)	0 mm to 150 mm	5µm	A Set of Slip Gauge & Surface Plate
13	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Calibration Tester (L.C. 0.0002)	0 mm to 25 mm	1.5µm	A Set of Slip Gauge & Electronic Probe
14	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauges (L. C. 0.0005 mm)	0 to 0.030 mm	1µm	Dial Calibration Tester
15	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauges (L. C. 0.001 mm)	0 to 0.140 mm	4µm	Dial Calibration Tester



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16	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauges (L. C. 0.001 mm)	0 to 25 mm	3.5µm	Dial Calibration Tester
17	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauges (L. C. 0.002 mm)	0 to 0.200 mm	4µm	Dial Calibration Tester
18	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauges (L. C. 0.002 mm)	0 to 5 mm	4.6µm	Dial Calibration Tester
19	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauges (L. C. 0.010 mm)	0 to 2 mm	5µm	Dial Calibration Tester
20	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauges (L. C. 0.010 mm)	0 to 50 mm	4.5µm	Dial Calibration Tester



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21	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauges (L. C. 0.100 mm)	0 to 10 mm	25µm	Dial Calibration Tester
22	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L. C. 0.001 mm)	0 to 50 mm	1µm	A Set of Slip Gauge
23	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L. C. 0.001 mm)	50 mm to 200 mm	2.27µm	A Set of Slip Gauge
24	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L. C. 0.01 mm)	0 to 100 mm	3µm	A Set of Slip Gauge
25	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L. C. 0.01 mm)	100 mm to 300 mm	6.2µm	A Set of Slip Gauge



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26	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler gauge	0 to 1 mm	1µm	A Set of Slip Gauge & Electronic Probe
27	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (Vernier/Dial/Digital) (L. C. 0.001 mm)	0 to 600 mm	10µm	Caliper Checker & A Set of Slip Gauge
28	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (Vernier/Dial/Digital) (L. C. 0.01 mm)	0 to 300 mm	14µm	Caliper Checker & A Set of Slip Gauge
29	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (Vernier/Dial/Digital) (L. C. 0.01 mm)	0 to 600 mm	14µm	Caliper Checker & A Set of Slip Gauge
30	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (Vernier/Dial/Digital) (L. C. 0.02 mm)	0 to 300 mm	17µm	Caliper Checker & A Set of Slip Gauge



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31	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (Vernier/Dial/Digital) (L. C. 0.02 mm)	0 to 600 mm	17µm	Caliper Checker & A Set of Slip Gauge
32	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Standard	0 to 300 mm	3µm	A Set of Slip Gauge & Electronic Probe
33	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge	1 mm to 100 mm	2.5µm	A Set of Slip Gauge & Electronic Probe
34	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge	100 mm to 300 mm	3µm	A Set of Slip Gauge & Electronic Probe
35	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Ring Gauge / Setting Ring gauge	100 mm to 300 mm	5µm	LMM & Setting Ring Gauge



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36	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Ring Gauge / Setting Ring gauge	2 mm to 100 mm	2.6µm	LMM & Setting Ring Gauge
37	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Taper Plug Gauge (Angle)	2 mm to 300 mm	2' of arc	LMM & set of Slip Gauge:
38	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Taper Plug Gauge (Diameter)	2 mm to 300 mm	3µm	LMM & A set of Slip Gauge
39	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge	2 mm to 50 mm	1µm	A Set of Slip Gauge
40	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge	200 mm to 300 mm	2.4µm	A Set of Slip Gauge



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41	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge	50 mm to 200 mm	2µm	A Set of Slip Gauge
42	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Thread Plug Gauge (Pitch Diameter)	100 mm to 300 mm	3.5µm	LMM & A Set of Slip Gauge
43	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Thread Plug Gauge (Pitch Diameter)	4 to 100 mm	2.5µm	LMM
44	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Thread Ring Gauge (Pitch Diameter)	4 mm to 100 mm	3µm	LMM
45	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Measuring Wires	0 to 6.350 mm	0.85µm	A Set of Slip Gauge & Electronic Probe



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46	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Plug Gauge (Major & Pitch Diameter)	0 to 100 mm	2.5µm	LMM
47	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Plug Gauge (Major & Pitch Diameter)	100 mm to 300 mm	3.5µm	LMM & A Set of Slip Gauge
48	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Ring Gauge (Pitch & Minor Diameter)	100 mm to 300 mm	4.5µm	LMM & Setting Ring Gauge
49	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Ring Gauge (Pitch & Minor Diameter)	4 mm to 100 mm	2.2µm	LMM & Setting Ring Gauge