National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

RCL METROLOGY PRIVATE LIMITED

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

SR.NO-21/7, GOKUL NAGAR, NARHE, DHAYARI-SINHAGAD ROAD, PUNE, MAHARASHTRA, INDIA

in the field of

CALIBRATION

Certificate Number: CC-2876

Issue Date: 17/12/2024 **Valid Until:** 16/12/2028

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of thislaboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: RCL METROLOGY PRIVATE LIMITED

Signed for and on behalf of NABL

Anita Rani
Director

N. Venkateswaran
Chief Executive Officer

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RCL METROLOGY PRIVATE LIMITED, SR.NO-21/7, GOKUL NAGAR, NARHE, DHAYARI-SINHAGAD ROAD, PUNE, PUNE, MAHARASHTRA, INDIA

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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)(±)
Permanent Facility					
1	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Ring Gauge - Diameter	Using Single Axis Measuring Machine (ULM), Master Ring Gauge by Comparison Method	5 mm to 200 mm	4.1 µm
2	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Angle Template	Using Video Measuring Machine by Comparison Method	0 ° to 60 °	2.1 minutes of Arc
3	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Angular Glass Scale (L.C.: 1°)	Using Video Measuring Machine by Comparison Method	0 ° to 360 °	2 minutes of Arc
4	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bench Centre (Co - Axiality)	Using Test Mandrel & Plunger Dial by Comparison Method	0 to 300 mm	4.04 µm
5	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bench Centre - Parallelism of Axis of Centre	Using Test Mandrel & Plunger Dial Gauge by Comparison Method	0 to 300 mm	4.04 µm
6	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel Protractor / Combination Set - Analog / Digital (L.C.: 1°)	Using Angle Gauge Block Set by Comparison Method	0 ° to 180 °	35 minutes of Arc

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7	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel Protractor / Combination Set - Analog / Digital, (L.C.: 1 min)	Using angle Gauge Block Set by Comparison Method	0 ° to 360 °	3 minutes of Arc
8	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bore Gauge - Transmission Accuracy, (L.C.: 0.0001 mm)	Using Dial Calibration Tester by Comparison Method	0 to 2 mm	2.4 µm
9	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Comparator Stand - Flatness	Using Electronic Probe with Indicator by Comparison Method	Up to 200 X 200 mm	4.12 µm
10	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Gauge / Caliper (L.C.: 0.01 mm)	Using Caliper Checker, Long Gauge Block Set by Comparison Method	0 to 600 mm	12 µm
11	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer (L.C.: 0.001 mm)	Using Depth Checker by Comparison Method	0 to 300 mm	7.1 µm
12	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauge - Plunger Type (L.C.: 0.1 mm)	Using Comparator Stand & Gauge Block Set by Comparison Method	0 to 50 mm	65.4 µm

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13	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Indicator - Lever Type (L.C.: 0.001 mm)	Using Automatic Dial Calibration Tester by Comparison Method	0 to 1 mm	1.6 µm
14	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Indicator - Lever Type (L.C.: 0.01 mm)	Using Automatic Dial Calibration Tester by Comparison Method	0 to 1 mm	3.5 µm
15	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Indicator - Plunger Type (L.C.: 0.001 mm)	Using Automatic Dial Calibration Tester by Comparison Method	0 to 25 mm	1.6 µm
16	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Indicator - Plunger Type (L.C.: 0.001 mm)	Using Gauge Block and Comparator Stand by Comparison Method	0 to 50 mm	2.3 µm
17	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Snap Gauge (L.C.: 0.0001 mm)	Using Gauge Block Set and Electronic Probe by Comparison Method	200 mm to 300 mm	3.4 µm
18	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Snap Gauge (L.C.: 0.0001 mm)	Using Gauge Block Set and Electronic Probe by Comparison Method	5 mm to 200 mm	2.4 µm

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19	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge (L.C.: 0.001 mm)	Using Gauge Block by Comparison Method	0 to 25 mm	4 µm
20	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge (L.C.: 0.01 mm)	Using Gauge Blocks by Comparison Method	0 to 50 mm	11 µm
21	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Digital External Micrometer (L.C.: 0.001 mm)	Using Long Gauge Block and Gauge Block Set by Comparison Method	300 mm to 1000 mm	12 µm
22	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Digital Vernier Caliper (L..C.: 0.001 mm)	Using Caliper Checker by Comparison Method	0 to 150 mm	7.9 µm
23	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L.C.: 0.0001 mm)	Using Gauge Block Set by Comparison Method	0 to 25 mm	1.2 µm
24	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L.C.: 0.001 mm)	Using Block and Long Gauge Block Set by Comparison Method	0 to 100 mm	2 µm

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25	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L.C.: 0.001 mm)	Using Gauge Block and Long Gauge Block Set by Comparison Method	100 mm to 200 mm	3.6 µm
26	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L.C.: 0.001 mm)	Using Gauge Block & Long Gauge Block by Comparison Method	200 mm to 300 mm	3.8 µm
27	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L.C.: 0.01 mm)	Using Gauge Block & Long Gauge Block Set by Comparison Method	300 mm to 400 mm	4.5 µm
28	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L.C.: 0.01 mm)	Using Gauge Block & Long Gauge Block Set by Comparison Method	400 mm to 600 mm	7 µm
29	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L.C.: 0.01 mm)	Using Gauge Block & Long Gauge Block Set by Comparison Method	600 mm to 1000 mm	12 µm
30	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	Using Electronic Probe with Comparator Stand by Comparison Method	0.01 mm to 2 mm	1.5 µm

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31	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (L.C.: 0.02 mm)	Using Long Gauge Block Set, Surface Plate by Comparison Method	0 to 1500 mm	23 µm
32	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (L.C.: 0.02 mm)	Using Caliper Checker & Surface Plate by Comparison Method	0 to 600 mm	17.5 µm
33	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge - Digital / Dial (L.C.: 0.01 mm)	Using Long Gauge Block Set, Surface Plate by Comparison Method	0 to 1000 mm	25 µm
34	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge - Digital / Dial (L.C.: 0.01 mm)	Using Caliper Checker, Surface Plate by Comparison Method	0 to 300 mm	14 µm
35	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge - Digital / Dial (L.C.: 0.01 mm)	Using Caliper Checker & Surface Plate by Comparison Method	0 to 600 mm	19 µm
36	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Caliper (L.C.: 0.0025 mm)	Using Gauge Block Set and Accessories by Comparison Method	Up to 100 mm	4 µm

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37	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Caliper (L.C.:0.01 mm)	Using Gauge block & Accessories by Comparison Method	5 mm to 100 mm	11 µm
38	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Micrometer - Stick Type, (L.C.: 0.01 mm)	Using Gauge Block Set and Long Gauge Block Set with Accessories by Comparison Method	50 mm to 1500 mm	9.2 µm
39	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Micrometer - Jaw Type (L.C.: 0.01 mm)	Using Gauge Block Set with Accessories & Single Axis Measuring Machine (ULM) by Comparison Method	5 mm to 30 mm	3.5 µm
40	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Micrometer - Stick Type, (L.C.: 0.01 mm)	Using Gauge Block Set with Accessories & Single Axis Measuring Machine (ULM) by Comparison Method	50 mm to 300 mm	4.5 µm
41	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Scale (L.C.: 0.5 mm)	Using Tape & Scale Calibration Machine by Comparison Method	Up to 2 m	125 x sqrt (L) µm, Where 'L' in meter
42	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Tape (L.C.: 1 mm)	Using Measuring Tape & Scale Calibration Machine by Comparison Method	0 to 50 m	125 x sqrt (L) µm, Where 'L' in meter

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43	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Standard	Using Single Axis length Measuring Machine, Long Gauge Block Set & Electronic Probe by Comparison Method	175 mm to 600 mm	10.4 µm
44	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Standard	Using Single Axis length Measuring Machine, Long Gauge Block Set & Electronic Probe by Comparison Method	25 mm to 175 mm	2.6 µm
45	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Standard	Using Single Axis length Measuring Machine, Long Gauge Block Set & Electronic Probe by Comparison Method	600 mm to 1000 mm	14 µm
46	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	OD Master / Cylindrical Setting Standard	Using Electronic Probe with Comparator Stand by Comparison Method	0 to 100 mm	1.5 µm
47	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	OD Master / Cylindrical Setting Standard	Using Comparator with Electronic Probe, Gauge Block Set & ULM by Comparison Method	100 mm to 175 mm	2.6 µm
48	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	OD Master / Cylindrical Setting Standard	Using Comparator with Electronic Probe, Gauge Block Set & ULM by Comparison Method	175 mm to 300 mm	4 µm

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49	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Outside Caliper (L.C.: 0.01 mm)	Using Gauge Block by Comparison Method	0 to 50 mm	8 µm
50	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Outside Caliper, (L.C.: 0.001 mm)	Using Gauge Block by Comparison Method	0 to 2 mm	4 µm
51	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pin Gauge	Using Comparator Stand with Electronic Probe by Comparison Method	0.5 mm to 20 mm	1.5 µm
52	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pistol Caliper (L.C.: 0.01 mm)	Using Gauge Blocks by Comparison Method	Up to 50 mm	8 µm
53	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pistol Caliper (L.C.: 0.1 mm)	Using Gauge Block Set by Comparison Method	Up to 50 mm	65.4 µm
54	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge	Using Comparator with Electronic Probe, Gauge Block Set & ULM by Comparison Method	100 mm to 175 mm	2.6 µm

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55	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge	Using Comparator with Electronic Probe, Gauge Block Set & ULM by Comparison Method	175 mm to 375 mm	4 µm
56	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge	Using Comparator Stand with Electronic probe and Gauge Block Set by Comparison Method	Up to 100 mm	1.5 µm
57	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Ring Gauge	Using Single Axis Measuring Machine (ULM) & Master Ring by Comparison Method	100 mm to 200 mm	2 µm
58	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Ring Gauge	Using Single Axis Measuring Machine (ULM) by Comparison Method	2 mm to 100 mm	1.6 µm
59	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Ring Gauge	Using Single Axis Measuring Machine (ULM) & Master Ring by Comparison Method	200 mm to 370 mm	3 µm
60	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Radius Gauge	Using VMM by Comparison Method	Up to 25 mm	13 µm

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61	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Right Angle / Angle Plate	Using Electronic Probe with Square Master by Comparison Method	Up to 300 mm	9 µm
62	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Sine Bar & Sine Centre (Linear)	Using Gauge Block and Lever Type Dial Gauge by Comparison Method	0 to 300 mm	4.67 µm
63	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Sine Bar & Sine Center (Angular Accuracies)	Using Angle Gauge Block, Gauge Block & Lever Type Dial Gauges by Comparison Method	Up to 45 °	14 Arc seconds
64	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge	Using Gauge Block Set by Comparison Method	0.5 mm to 100 mm	2 µm
65	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge	Using Gauge Blocks & Single Axis Measuring Machine (ULM) by Comparison Method	100 mm to 200 mm	3 µm
66	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge	Using Gauge Block & Single Axis Measuring Machine (ULM) by Comparison Method	200 mm to 350 mm	3.2 µm

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67	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge	Using Long Gauge block & Gauge Block Set by Comparison Method	350 mm to 450 mm	3.3 µm
68	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Spirit Level (L.C.: 0.01 mm/m)	Using Electronic Level and tilting Table by Comparison Method	(±) 0.2 mm/m	0.01 mm/m
69	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Spline Plug Gauge (Even / Odd) - DOP Only	Using Single Axis Measuring Machine (ULM), Pin Gauge Set by Comparison Method	3 mm to 100 mm	2.3 µm
70	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Spline Ring Gauge (Even / Odd) - DIP Only	Using Gauge Block Set & Pin Gauge Set by Comparison Method	8 mm to 150 mm	2.3 µm
71	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Straight Test Mandrel - Diameter	Using Electronic Probe with Comparator Stand by Comparison Method	0 to 300 mm	1.51 µm
72	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Straight Test Mandrel - Run Out	Using Bench Center, Electronic Probe by Comparison Method	0 to 300 mm	4.3 µm

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73	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Surface Plate	Using Electronic Level by Comparison Method	Up to 3000 X 3000 mm	1.27 x sqrt((L+W)/150) mm/m, Where (L & W) are in mm
74	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Plug Gauge	Using Single Axis Measuring Machine (ULM) by Comparison Method	2 mm to 200 mm	3.5 µm
75	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Plug Gauge - Angular	Using Single Axis Measuring Machine (ULM) by Comparison Method	2 mm to 200 mm	0.86 minutes of Arc
76	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Ring Gauge - Half Angle	Using Single Axis Measuring Machine (ULM), Master Ring Gauge by Comparison Method	Up to 30 °	0.97 minutes of Arc
77	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Thread Plug Gauge - Effective Diameter	Using Floating Carriage Diameter Measuring Machine, Thread Measuring Wires, Cylindrical Setting Masters, Gauge Block by Comparison Method	7 mm to 101.6 mm	4 µm
78	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Thread Ring Gauge - Effective Diameter	Using Single Axis Measuring Machine (ULM), Master Setting Ring & T Stylus Anvils by Comparison Method	7 mm to 101.6 mm	4 µm

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79	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Test Sieve - Aperture Size	Using Video Measuring Machine by Comparison Method	0.01 mm to 3.35 mm	10.63 µm
80	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Test Sieve - Aperture Size	Using Digital Caliper by Comparison Method	3.35 mm to 125 mm	46 µm
81	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thickness Foil	Using Electronic Probe with Comparator Stand by Comparison Method	0.009 mm to 2 mm	1.5 µm
82	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Measuring Wire	Using Length Measuring Machine by Comparison Method	0.17 mm to 6.35 mm	0.63 µm
83	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Pitch Gauge - Angular	Using Video Measuring Machine by Comparison Method	55 ° to 60 °	6 minutes of Arc
84	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Pitch Gauge - Linear	Using Video Measuring Machine by Comparison Method	0.3 mm to 6 mm	10 µm

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85	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Plug Gauge - Effective Diameter	Using Single Axis Measuring Machine (ULM) and Thread Measuring Wires by Comparison Method	0 to 100 mm	4 µm
86	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Plug Gauge - Effective Diameter	Using Single Axis Measuring Machine (ULM) and Thread Measuring Wires by Comparison Method	100 mm to 200 mm	5 µm
87	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Plug Gauge - Effective Diameter	Using Single Axis Measuring Machine and Thread Measuring Wire by Comparison Method	200 mm to 350 mm	3.2 µm
88	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Ring Gauge - Effective Diameter	Using Single Axis Measuring Machine (ULM), Master Setting Ring by Comparison Method	100 mm to 300 mm	5 µm
89	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Ring Gauge - Effective Diameter	Using Single Axis Measuring Machine (ULM), Master Setting Ring & T Stylus Anvils by Comparison Method	3 mm to 100 mm	3.6 µm
90	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Three Point Micrometer (L.C.: 0.001 mm)	Using Ring Gauges by Comparison Method	3 mm to 300 mm	3.6 µm

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91	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V Block - Parallelism	Using Electronic Probe and Surface plate by Direct Method	0 to 150 mm	7 µm
92	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V Block - Squareness	Using Square Tracer and Surface plate and Dial Indicator by Comparison Method	0 to 150 mm	8.42 µm
93	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V Block - Symmetricity	Using standard Cylindrical Mandrill, Surface Plate and Electronic Probe by Comparison Method	0 to 150 mm	7 µm
94	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper - Dial / Analog (L.C.: 0.02 mm)	Using Gauge Block & Long Gauge Block Set by Comparison Method	0 to 1000 mm	26 µm
95	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper - Dial / Analog (L.C.: 0.02 mm)	Using Gauge Block & Long Gauge Block Set by Comparison Method	0 to 2000 mm	30 µm
96	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper - Dial / Analog (L.C.: 0.02 mm)	Using Caliper Checker by Comparison Method	0 to 600 mm	17 µm

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97	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper - Digital / Analog / Dial (L.C.: 0.01 mm)	Using Caliper Checker by Comparison Method	0 to 600 mm	14 µm
98	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper - Digital / Analog / Dial, (L.C.: 0.01 mm)	Using Long Gauge Block Set by Comparison Method	0 to 2000 mm	22 µm
99	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper - Digital / Analog, (L.C.: 0.01 mm)	Using Long Gauge Block Set by Comparison Method	0 to 1000 mm	19 µm
100	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Width Gauge	Using Electronic Probe with Comparator Stand, Gauge Block Set by Comparison Method	0 to 175 mm	2.6 µm
101	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Width Gauge	Using Single Axis Measuring Machine (ULM), Long Gauge Block Set by Comparison Method	175 mm to 375 mm	3.5 µm
102	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Caliper Checker / Check Master	Using Laser Interferometer with 2D Height Gauge by Comparison Method	0 to 1000 mm	3 µm

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103	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Caliper Checker / Check Master / Depth Micro - Checker	Using Laser Interferometer with 2D Height Gauge by Comparison Method	0 to 670 mm	2.5 µm
104	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Contour Machine X - Axis (Performance Accuracy)	Using Contour Master by Comparison Method	0 to 200 mm	3.82 µm
105	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Contour Machine Z - Axis (Capable to Travel 200 mm X Axis)	Using Contour Master with Slip Gauge by Comparison Method	Upto (±) 12.5 mm	3.82 µm
106	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Dial Calibration Tester (L.C.: 0.0001 mm)	Using Electronic Probe by Comparison Method	0 to 50 mm	1.37 µm
107	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Electronic Height Gauge - Squareness (L.C.: 0.0001 mm)	Using Granite L Square by Comparison Method	0 to 600 mm	6.35 µm
108	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Electronic Height Gauge - Linear (L.C.: 0.0001 mm)	Using Long Gauge Block Set by Comparison Method	0 to 1000 mm	12 µm
109	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Electronic Height Gauge - Linear (L.C.: 0.0001 mm)	Using Caliper Checker by Comparison Method	0 to 600 mm	8.3 µm
110	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Electronic Level (L.C.: 0.001 mm/m)	Using Tilting Device and Laser Interferometer with Angular Optics by Comparison Method	(±) 2 mm/m	3.5 µm/m

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111	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Electronic level (L.C.: 0.001 mm/m)	Using Tilting Device and Laser Interferometer with Angular Optics by Comparison Method	(±) 5 mm/m	4.4 µm/m
112	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Electronic Probe / LVDT Probe (L.C.: 0.0001 mm)	Using Gauge Blocks by Comparison Method	0 to 25 mm	1 µm
113	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Floating Carriage Diameter Measuring Machine - Alignment of Center to Base (L.C.:0.0001 mm & Coarser)	Using Mandrel, Electronic Probe with DRO by Comparison Method	0 to 100 mm	2 µm
114	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Floating Carriage Diameter Measuring Machine - Micrometer Head Accuracy (L.C.: 0.0001 mm & Coarser)	Using Mandrel & Master Cylinders, Electronic Probe with DRO by Comparison Method	0 to 25 mm	2 µm
115	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Floating Carriage Diameter Measuring Machine - Overall Accuracy (L.C.: 0.0001 mm & Coarser)	Using Mandrel & Master Cylinders, Electronic Probe with DRO and Slip Gauge Set by Comparison Method	0 to 100 mm	2 µm
116	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Floating Carriage Diameter Measuring Machine - Parallelism of Micrometer Face to Line of Centre (L.C.: 0.0001 mm & Coarser)	Using Gauge Block with Comparison Method	0 to 100 mm	2 µm

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117	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Gauge Block - Grade 0	Using Gauge Block Calibrator & K Grade Gauge Block Set by Comparison Method	10 mm to 25 mm	0.14 µm
118	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Gauge Block - Grade 0	Using Gauge Block Calibrator & K Grade Gauge Block Set by Comparison Method	25 mm to 50 mm	0.19 µm
119	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Gauge Block - Grade 0	Using Gauge Block Calibrator & K Grade Gauge Block Set by Comparison Method	50 mm to 100 mm	0.33 µm
120	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Gauge Block - Grade 0	Using Gauge Block Calibrator & K Grade Gauge block Set by Comparison Method	Up to 10 mm	0.11 µm
121	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Height Block / Master	Using Electronic Probe, ULM, Long Gauge Block Set by Comparison	0 to 175 mm	2.6 µm
122	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Height Block / Master	Using Electronic Probe, ULM, Long Gauge Block Set by Comparison	175 mm to 375 mm	3.5 µm
123	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Length Measuring Machine - Vertical & Horizontal Axis (L.C.: 0.00001 mm & Coarser)	Using Laser Interferometer by Comparison Method	0 to 600 mm	0.61 µm
124	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Length Measuring Machine - Vertical & Horizontal Axis (L.C.: 0.00001 mm & Coarser)	Using Laser Interferometer by Comparison Method	0 to 1000 mm	1 µm

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125	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Length Measuring Machine - Vertical & Horizontal Axis (L.C.: 0.00001 mm & Coarser)	Using Laser Interferometer by Comparison Method	0 to 100 mm	0.19 µm
126	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Linear Glass Scale	Using Laser Interferometer by Comparison Method	0 to 300 mm	5.9 µm
127	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector - Magnification	Using Measuring Glass Scale, Digital Caliper by Comparison Method	10 X to 50 X	1.6 %
128	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector / Video Measuring Machine - Angular Measurement(L.C.: 1 sec)	Using Angular Glass Graticule by Comparison Method	0 ° to 360 °	5 minutes of Arc
129	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector / Video Measuring Machine Linear - (L.C.: 0.0001 mm)	Using Measuring Glass Scale by Comparison Method	Up to 200 X 150 mm	8 µm
130	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Surface Roughness Specimen - Ra Value	Using Surface Roughness Machine by Comparison Method	Up to 6 µm	10.4 %
131	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Surface Roughness Tester (Portable)	Using the Surface Roughness Masters (3 Nos) by Comparison Method	Ra 0.3 µm to Ra 6.37 µm	8.89 %
132	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Surface Roughness Tester - Ra Value (Stand Alone)	Using Surface Roughness Masters (3 Nos), Depth master ,Optical Flat by Comparison Method	Ra 0.3 µm to Ra 6.37 µm	8.89 %

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133	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Tape & Scale Calibration Unit, (L.C.: 0.001 mm)	Using Laser Interferometer by Comparison Method	0 to 1000 mm	1.63 µm
134	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Universal Thread Measuring Machine (L.C.: 0.0001 mm)	Using OD Master, Plain Ring Gauge, Thread Ring Gauge and Thread Plug Gauge by Comparison Method	3 mm to 60 mm	1.6 µm
135	MECHANICAL-HARDNESS TESTING MACHINES	Brinell Hardness Tester	Using Hardness Block by Indirect Method as per IS : 1500 (Part - 2) : 2021	HBW 10/3000	1.6 % rdg
136	MECHANICAL-HARDNESS TESTING MACHINES	Brinell Hardness Tester	Using Hardness Block by Indirect Method as per IS : 1500 (Part - 2) : 2021	HBW 2.5/187.5	1.8 % rdg
137	MECHANICAL-HARDNESS TESTING MACHINES	Rockwell Hardness Tester	Using Hardness Block by Indirect Method as per IS 1586 (Part 2) : 2018	HRA	2 HRA
138	MECHANICAL-HARDNESS TESTING MACHINES	Rockwell Hardness Tester	Using Hardness Block by Indirect Method as per IS : 1586 (Part 2) : 2018	HRBW	1.45 HRBW
139	MECHANICAL-HARDNESS TESTING MACHINES	Rockwell Hardness Tester	Using Hardness Block by Indirect Method as per IS 1586 (Part - 2) : 2018	HRC	1.5 HRC

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140	MECHANICAL-HARDNESS TESTING MACHINES	Rubber hardness Tester - Shore A	Using Rubber Hardness Tester with Load Cell by Indirect Method as per ASTM D 2240 - 05	Shore A	1.5 Shore A
141	MECHANICAL-HARDNESS TESTING MACHINES	Rubber Hardness Tester - Shore D	Using Rubber Hardness Tester with Load Cell by Indirect Method as per ASTM D 2240 - 05	Shore D	1.5 Shore D
142	MECHANICAL-HARDNESS TESTING MACHINES	Vickers Hardness Tester	Using Hardness Blocks by Indirect Method as per IS : 1501 (Part 2) : 2020	HV 10	2.65 % rdg
143	MECHANICAL-HARDNESS TESTING MACHINES	Vickers Hardness Tester	Using Hardness Blocks by Indirect Method as per IS : 1501 (Part 2) : 2020	HV 30	2.5 % rdg
144	MECHANICAL-MOBILE FORCE MEASURING SYSTEM	Force Gauge / Push Pull Gauge (Push / Pull Mode)	Using Dead Weight Force Calibration Machine with Stainless Steel Newton Dead Weights by Comparison Method as per VDI / VDE 2624	1 N to 10 N	0.59 %
145	MECHANICAL-MOBILE FORCE MEASURING SYSTEM	Force Gauge / Push Pull Gauge (Push / Pull Mode)	Using Dead Weight Force Calibration Machine with Stainless Steel Newton Dead Weights by Comparison Method as per VDI / VDE 2624	> 10 N to 100 N	0.71 %

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146	MECHANICAL-MOBILE FORCE MEASURING SYSTEM	Force Gauge / Push Pull Gauge (Push / Pull Mode)	Using Dead Weight Force Calibration Machine with Stainless Steel Newton Dead Weights by Comparison Method as per VDI / VDE 2624	> 100 N to 1000 N	0.72 %
147	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Pressure Gauge (Analog / Digital)	Using Digital Pressure Gauge with Oil Based Comparator Pump by Comparison Method as per DKD R 6 - 1	0 to 40 bar	0.13 bar
148	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Pressure Gauge (Analog / Digital)	Using Digital Pressure Gauge with Oil Based Comparator Pump by Comparison Method as per DKD R 6 - 1	40 bar to 400 bar	1.59 bar
149	MECHANICAL-TORQUE GENERATING DEVICES	Torque Wrench, (Type I (Class A,B,C,D,E) & Type II (Class A,B,C,D,E,F,G)	Using Torque Transducers with Indicator by Comparison Method as per ISO 6789 : 2017	0.5 Nm to 5 Nm	2.9 % rdg
150	MECHANICAL-TORQUE GENERATING DEVICES	Torque Wrench, (Type I (Class A,B,C,D,E) & Type II (Class A,B,C,D,E,F,G)	Using Torque Transducers with Indicator by Comparison Method as per ISO 6789 : 2017	5 Nm to 50 Nm	3 % rdg

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151	MECHANICAL-TORQUE GENERATING DEVICES	Torque Wrench, (Type I (Class A,B,C,D,E) & Type II (Class A,B,C,D,E,F,G)	Using Torque Transducers with Indicator by Comparison Method as per ISO 6789 : 2017	50 Nm to 500 Nm	3 % rdg

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Site Facility					
1	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Air Gauge Unit	Using the Plain Ring Gauge Set by Comparison Method	20 ± 0.04 mm	3 µm
2	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bench Centre (Co - Axiality)	Using Test Mandrel & Plunger Dial by Comparison Method	0 to 300 mm	4.04 µm
3	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bench Centre - Parallelism of Axis of Centre	Using Test Mandrel & Plunger Dial Gauge by Comparison Method	0 to 300 mm	4.04 µm
4	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (L.C.: 0.02 mm)	Using Long Gauge Block Set, Surface Plate by Comparison Method	0 to 1500 mm	23 µm
5	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (L.C.: 0.02 mm)	Using Caliper Checker & Surface Plate by Comparison Method	0 to 600 mm	17.5 µm
6	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge - Digital / Dial (L.C.: 0.01 mm)	Using Long Gauge Block Set, Surface Plate by Comparison Method	0 to 1000 mm	25 µm

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7	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge - Digital / Dial (L.C.: 0.01 mm)	Using Caliper Checker & Surface Plate by Comparison Method	0 to 600 mm	19 µm
8	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Surface Plate	Using Electronic Level by Comparison Method	Up to 3000 X 3000 mm	1.27 x sqrt((L+W)/150) mm/m, Where (L & W) are in mm
9	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper - Digital / Analog / Dial, (L.C.: 0.01 mm)	Using Long Gauge Block Set by Comparison Method	0 to 2000 mm	22 µm
10	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper - Digital / Analog, (L.C.: 0.01 mm)	Using Long Gauge Block Set by Comparison Method	0 to 1000 mm	19 µm
11	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Contour Machine X - Axis (Performance Accuracy)	Using Contour Master by Comparison Method	0 to 200 mm	3.82 µm
12	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Contour Machine Z - Axis (Capable to Travel 200 mm X Axis)	Using Contour Master with Slip Gauge by Comparison Method	Upto (±) 12.5 mm	3.82 µm
13	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Electronic Height Gauge - Squareness (L.C.: 0.0001 mm)	Using Granite L Square by Comparison Method	0 to 600 mm	6.35 µm

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14	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Electronic Height Gauge - Linear (L.C.: 0.0001 mm)	Using Long Gauge Block Set by Comparison Method	0 to 1000 mm	12 µm
15	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Electronic Height Gauge - Linear (L.C.: 0.0001 mm)	Using Caliper Checker by Comparison Method	0 to 600 mm	8.3 µm
16	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Length Measuring Machine - Vertical & Horizontal Axis (L.C.: 0.00001 mm & Coarser)	Using Laser Interferometer by Comparison Method	0 to 600 mm	0.61 µm
17	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Length Measuring Machine - Vertical & Horizontal Axis (L.C.: 0.00001 mm & Coarser)	Using Laser Interferometer by Comparison Method	0 to 1000 mm	1 µm
18	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Length Measuring Machine - Vertical & Horizontal Axis (L.C.: 0.00001 mm & Coarser)	Using Laser Interferometer by Comparison Method	0 to 100 mm	0.19 µm
19	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector - Magnification	Using Measuring Glass Scale, Digital Caliper by Comparison Method	10 X to 50 X	1.6 %
20	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector / Video Measuring Machine - Angular Measurement(L.C.: 1 sec)	Using Angular Glass Graticule by Comparison Method	0 ° to 360 °	5 minutes of Arc
21	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector / Video Measuring Machine Linear - (L.C.: 0.0001 mm)	Using Measuring Glass Scale by Comparison Method	Up to 200 X 150 mm	8 µm

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22	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Surface Roughness Tester (Portable)	Using the Surface Roughness Masters (3 Nos) by Comparison Method	Ra 0.3 µm to Ra 6.37 µm	8.89 %
23	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Surface Roughness Tester - Ra Value (Stand Alone)	Using Surface Roughness Masters (3 Nos), Depth master ,Optical Flat by Comparison Method	Ra 0.3 µm to Ra 6.37 µm	8.89 %
24	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Tape & Scale Calibration Unit, (L.C.: 0.001 mm)	Using Laser Interferometer by Comparison Method	0 to 1000 mm	1.63 µm
25	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Universal Thread Measuring Machine (L.C.: 0.0001 mm)	Using OD Master, Plain Ring Gauge, Thread Ring Gauge and Thread Plug Gauge by Comparison Method	3 mm to 60 mm	1.6 µm
26	MECHANICAL-HARDNESS TESTING MACHINES	Brinell Hardness Tester	Using Hardness Block by Indirect Method as per IS : 1500 (Part - 2) : 2021	HBW 10/3000	1.6 % rdg
27	MECHANICAL-HARDNESS TESTING MACHINES	Brinell Hardness Tester	Using Hardness Block by Indirect Method as per IS : 1500 (Part - 2) : 2021	HBW 2.5/187.5	1.8 % rdg
28	MECHANICAL-HARDNESS TESTING MACHINES	Rockwell Hardness Tester	Using Hardness Block by Indirect Method as per IS 1586 (Part 2) : 2018	HRA	2 HRA

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29	MECHANICAL-HARDNESS TESTING MACHINES	Rockwell Hardness Tester	Using Hardness Block by Indirect Method as per IS : 1586 (Part 2) : 2018	HRBW	1.45 HRBW
30	MECHANICAL-HARDNESS TESTING MACHINES	Rockwell Hardness Tester	Using Hardness Block by Indirect Method as per IS 1586 (Part - 2) : 2018	HRC	1.5 HRC
31	MECHANICAL-HARDNESS TESTING MACHINES	Vickers Hardness Tester	Using Hardness Blocks by Indirect Method as per IS : 1501 (Part 2) : 2020	HV 10	2.65 % rdg
32	MECHANICAL-HARDNESS TESTING MACHINES	Vickers Hardness Tester	Using Hardness Blocks by Indirect Method as per IS : 1501 (Part 2) : 2020	HV 30	2.5 % rdg
33	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Pressure Gauge (Analog / Digital)	Using Digital Pressure Gauge with Oil Based Comparator Pump by Comparison Method as per DKD R 6 - 1	0 to 40 bar	0.13 bar
34	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Pressure Gauge (Analog / Digital)	Using Digital Pressure Gauge with Oil Based Comparator Pump by Comparison Method as per DKD R 6 - 1	40 bar to 400 bar	1.59 bar

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