National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

CAL-TECH CALIBRATION SERVICES PVT. LTD.

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

AAROH DWELLING APARTMENT, OFFICE NO 5,1ST FLOOR, DATTA NAGAR CHOWK, AMBEGAON BUDRUK, PUNE, MAHARASHTRA, INDIA

in the field of

CALIBRATION

Certificate Number: CC-3303

Issue Date: 08/10/2023 **Valid Until:** 07/10/2025

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 this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: CAL-TECH CALIBRATION SERVICES PVT. LTD.

Signed for and on behalf of NABL

N. Venkateswaran
Chief Executive Officer

SCOPE OF ACCREDITATION

Laboratory Name :	CAL-TECH CALIBRATION SERVICES PVT. LTD., AAROH DWELLING APARTMENT, OFFICE NO 5,1ST FLOOR, DATTA NAGAR CHOWK, AMBEGAON BUDRUK, 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	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz to 1 kHz	Using 6½ Digit Multimeter by Direct Method	0.1 A to 1 A	0.37 % to 0.26 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz to 1 kHz	Using 6½ Digit Multimeter by Direct Method	1 A to 10 A	0.26 % to 0.25 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz to 1 kHz	Using 6½ Digit Multimeter by Direct Method	1 mA to 100 mA	1 % to 0.37 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage	Using High Voltage Probe with Digital Multimeter by Direct Method	1 kV to 5 kV	2.89%

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5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz to 1 kHz	Using 6½ Digit Multimeter by Direct Method	0.1 V to 1000 V	1.96 % to 0.13 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC voltage @ 50 Hz to 1 kHz	Using 6½ Digit Multimeter by Direct Method	1 mV to 100 mV	4.7 % to 1.96 %
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Resistance	Using 6½ Digit Multimeter by Direct Method	1 Mohm to 10 Mohm	0.05%
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Resistance	Using 6½ Digit Multimeter by Direct Method	1 ohm to 1 Mohm	0.06 % to 0.05 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Resistance	Using 6½ Digit Multimeter by Direct Method	10 Mohm to 1000 Mohm	0.05 % to 2.34 %

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10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 1 kHz	Using Multifunction Calibrator by Direct Method	0.2 A to 10 A	0.28 % to 0.62 %
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 1 kHz	Using Multifunction Calibrator and Current Coil by Direct Method	10 A to 1000 A	1.13 % to 0.96 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 1 kHz	Using Multifunction Calibrator by Direct Method	2 mA to 200 mA	3.07 % to 0.28 %
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC voltage @ 50 Hz to 1 kHz	Using Multifunction Calibrator by Direct Method	200 V to 1000 V	0.26 % to 0.34 %
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC voltage @ 50 Hz to 1 kHz	Using Multifunction Calibrator by Direct Method	5 mV to 200 V	1.28 % to 0.26 %
15	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance	Using Decade Resistance Box by Direct Method	1 kohm to 1000 kohm	0.15 % to 0.13 %

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16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance	Using Decade Resistance Box by Direct Method	1 Mohm to 1000 Mohm	0.13 % to 0.61 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance	Using Decade Resistance Box by Direct Method	1 ohm to 1000 ohm	0.6 % to 0.15 %
18	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter by Direct Method	1 mA to 100 mA	0.5 % to 0.11 %
19	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter by Direct Method	100 mA to 10 A	0.11 % to 0.5 %
20	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	1 mV to 100 V	0.2 % to 0.01 %
21	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	100 V to 1000 V	0.01 % to 0.1 %

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22	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multifunction Calibrator by Direct Method	0.20 A to 10 A	0.17 % to 0.6 %
23	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multifunction Calibrator and Current Coil by Direct Method	10 A to 1000 A	1.39 % to 1.97 %
24	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multifunction Calibrator by Direct Method	2 mA to 200 mA	2.97 % to 0.17 %
25	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multifunction Calibrator by Direct Method	1 mV to 200 V	2.2 % to 0.17 %
26	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multifunction Calibrator by Direct Method	200 V to 1000 V	0.17 % to 0.23 %
27	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using Precision Calibrator by Direct Method	(-) 100 °C to 800 °C	1.35°C

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28	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple J Type	Using Precision Calibrator by Direct Method	(-) 200 °C to 760 °C	0.4°C
29	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple K Type	Using Precision Calibrator by Direct Method	(-) 200 °C to 1300 °C	0.71°C
30	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple N Type	Using Precision Calibrator by Direct Method	(-) 200 °C to 1200 °C	1.8°C
31	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple R Type	Using Precision Calibrator by Direct Method	150 °C to 1700 °C	1.3°C
32	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple S Type	Using Precision Calibrator by Direct Method	150 °C to 1700 °C	1.4°C
33	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD	Using Precision Calibrator by Direct Method	(-) 100 °C to 800 °C	0.41°C

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34	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple J Type	Using Precision Calibrator by Direct Method	(-) 200 °C to 760 °C	0.4°C
35	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple K Type	Using Precision Calibrator by Direct Method	(-) 200 °C to 1300 °C	0.53°C
36	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple N Type	Using Precision Calibrator by Direct Method	(-) 200 °C to 1200 °C	0.7°C
37	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple R Type	Using Precision Calibrator by Direct Method	150 °C to 1700 °C	0.8°C
38	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple S Type	Using Precision Calibrator by Direct Method	150 °C to 1700 °C	1.6°C
39	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6½ Digit Multimeter by Direct Method	45 Hz to 1000 Hz	0.01%

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40	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Time Calibrator by Comparison Method	1 s to 3600 s	0.35 s to 4.85 s
41	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Time Calibrator by Comparison Method	3600 s to 86400 s	4.85 s to 100.3 s
42	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multifunction Calibrator by Direct Method	45 Hz to 1000 Hz	0.26%
43	MECHANICAL-ACCELERATION AND SPEED	Tachometer / RPM Indicator with Sensor - Contact Type	Using Digital Tachometer and Rotating Source by Comparison Method	100 rpm to 1000 rpm	5.66rpm
44	MECHANICAL-ACCELERATION AND SPEED	Tachometer / RPM Indicator with Sensor - Contact Type	Using Digital Tachometer and Rotating Source by Comparison Method	1000 rpm to 5000 rpm	9.8rpm
45	MECHANICAL-ACCELERATION AND SPEED	Tachometer / RPM Indicator with Sensor - Non Contact	Using Digital Tachometer and Rotating Source by Comparison Method	100 rpm to 1000 rpm	2.62rpm

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46	MECHANICAL-ACCELERATION AND SPEED	Tachometer / RPM Indicator with Sensor - Non Contact	Using Digital Tachometer and Rotating Source by Comparison Method	1000 rpm to 10000 rpm	24.47rpm
47	MECHANICAL-ACCELERATION AND SPEED	Tachometer / RPM Indicator with Sensor - Non Contact	Using Digital Tachometer and Rotating Source by Comparison Method	10000 rpm to 99000 rpm	63.04rpm
48	MECHANICAL-ACOUSTICS	Sound Level Meter @ 1 kHz	Using Sound Calibrator by Direct Method	94 & 114 dB	1.38dB
49	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Angle Plate - Flatness	Using Surface Plate and Lever Dial by Comparison Method	0 to 450 mm	12µm
50	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Angle Plate - Parallelism	Using Surface Plate and Lever Dial by Comparison Method	0 to 450 mm	7µm
51	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Angle Plate - Squareness	Using Surface Plate, Slip Gauge Block Set and Cylindrical Square Master by Comparison Method	0 to 450 mm	7.4µm

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52	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel Protractor / Inclinometer - Analog / Digital (L.C.: 1 minute & Coarser)	Using Angle Gauge Blocks by Comparison Method	0° - 90° - 0°	2minute of arc
53	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bore Gauge - Transmission Error (L.C.: 1 µm & Coarser)	Using Dial Calibration Tester by Comparison Method	0 to 1 mm	4µm
54	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper - Vernier / Dial / Digital (L.C.: 0.01 mm & Coarser)	Using Length Bar by Comparison Method	0 to 1000 mm	15µm
55	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper - Vernier / Dial / Digital (L.C.: 0.01 mm & Coarser)	Using Caliper Checker & Slip Gauge Block by Comparison Method	0 to 600 mm	12µm
56	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Coating Thickness Meter (L.C.: 1 µm)	Using Thickness Foils by Comparison Method	0 to 2 mm	8µm

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57	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Comparator Stand - Flatness	Using Electronic Probe with Indicator by Comparison Method	Upto 100 X 100 mm	1.6µm
58	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Comparator Stand - Flatness	Using Electronic Probe with Indicator by Comparison Method	Upto 300 X 300 mm	3µm
59	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cylindrical Setting Master - Concentricity	Using FCDM and Electronic Probe with Indicator by Comparison Method	1 mm to 100 mm	1µm
60	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cylindrical Setting Master - Diameter & Diameter Variation	Using Electronic Probe with Indicator & Slip Gauge by Comparison Method	1 mm to 100 mm	1.5µm
61	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Degree Protractor / Combination Set (L.C.: 1°)	Using Angle Gauge Blocks by Comparison Method	0 to 180 °	45.4minute of arc

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62	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Gauge - Vernier / Dial / Digital (L.C.: 0.01 mm & Coarser)	Using Depth Micro Checker, Length Bar and Long Slip Gauge by Comparison Method	0 to 600 mm	13µm
63	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer - Analog / Digital (L.C.: 1 µm & Coarser)	Using Depth Micro Checker by Comparison Method	0 to 300 mm	12µm
64	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Snap Gauge - Parallelism (L.C.: 1 µm & Coarser)	Using Slip Gauge Block Set by Comparison Method	1 mm to 200 mm	3.5µm
65	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge - Analog / Digital (L.C.: 1 µm & Coarser)	Using Slip Gauge Block Set by Comparison Method	0 to 25 mm	1µm
66	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer - Analog / Digital (L.C.: 1 µm & Coarser)	Using Slip Gauge Blocks by Comparison Method	0 to 100 mm	2µm

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67	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer - Analog / Digital (L.C.: 1 µm & Coarser)	Using Slip Gauge Blocks & Long Slip Gauge Block by Comparison Method	100 mm to 300 mm	5µm
68	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer - Analog / Digital (L.C.: 10 µm & Coarser)	Using Slip Gauge Blocks & Long Slip Gauge Blocks by Comparison Method	300 mm to 1000 mm	7.9µm
69	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	Using Electronic Probe with Indicator by Comparison Method	0.02 mm to 1 mm	1.3µm
70	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge - Vernier / Dial / Digital (L.C.: 10 µm & Coarser)	Using Length Bar by Comparison Method	0 to 1000 mm	15µm
71	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge - Vernier / Dial / Digital (L.C.: 10 µm & Coarser)	Using Caliper Checker by Comparison Method	0 to 600 mm	12µm

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72	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Inside Dial Caliper - Analog / Digital (L.C.: 1 µm & Coarser)	Using Slip Gauge Blocks by Comparison Method	0 to 135 mm	7.6µm
73	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Micrometer - Analog / Digital (L.C.: 1 µm & Coarser)	Using Slip Gauges Blocks and Electronic Probe with Indicator and Comparator Stand by Comparison Method	0 to 1000 mm	12µm
74	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Micrometer - Analog / Digital (L.C.: 1 µm & Coarser)	Using Length Measuring Machine by Comparison Method	0 to 100 mm	10µm
75	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Dial Gauge - Analog / Digital (L.C.: 1 µm)	Using Dial Calibration Tester by Comparison Method	0 to 1 mm	2µm
76	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Pin	Using Electronic Probe with Indicator, Comparator Stand & Slip Gauge by Comparison Method	0.5 mm to 25 mm	1.4µm

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77	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Scale (L.C.: 0.5 mm & Coarser)	Using Scale and Tape Calibrator by Comparison Method	0 to 2000 mm	118*Sqrt (L) µm, where L in meter
78	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Tape / Pie Tape (L.C.: 0.1 mm & Coarser)	Using Scale and Tape Calibrator by Comparison Method	0 to 50 m	118*Sqrt (L) µm, where L in meter
79	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Standard	Using Electronic Probe with Indicator, Comparator Stand & Long Slip Gauge Block by Comparison Method	100 mm to 500 mm	3µm
80	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Standard	Using Electronic Probe with Indicator, Comparator Stand & Slip Gauge Block by Comparison Method	25 mm to 100 mm	1µm
81	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Standard	Using Electronic Probe with Indicator, Comparator Stand & Long Slip Gauge Block by Comparison Method	500 mm to 975 mm	5.4µm

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82	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Parallel Thread Plug Gauge - Effective Diameter	Using Length Measuring Machine, Thread Measuring Wires by Comparison Method	100 mm to 300 mm	3µm
83	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Parallel Thread Plug Gauge - Effective Diameter	Using FCDM, Thread Measuring Wires by Comparison Method	2 mm to 100 mm	3.7µm
84	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pistol Caliper (L.C.: 0.01 mm & Coarser)	Using Slip Gauge Block Set by Comparison Method	0 to 100 mm	6.7µm
85	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge / Width Gauge / O.D. Gauge	Using Electronic Probe with Indicator, Comparator Stand & Slip Gauge Block by Comparison Method	0.1 to 200 mm	1.9µm
86	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge / Width Gauge / O.D. Gauge	Using Electronic Probe with Indicator, Comparator Stand & Long Slip Gauge Block by Comparison Method	200 mm to 400 mm	3.5µm

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87	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Ring Gauge	Using Length Measuring Machine by Comparison Method	2 mm to 300 mm	1.6µm
88	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Snap Gauge	Using Slip Gauge Block Set by Comparison Method	0.5 mm to 200 mm	2.5µm
89	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Snap Gauge	Using Slip Gauge Block Set by Comparison Method	200 mm to 400 mm	3.3µm
90	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Dial Gauge - Analog / Digital (L.C.: 1 µm & Coarser)	Using Dial Calibration Tester by Comparison Method	0 to 10 mm	2µm
91	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Dial Gauge - Analog / Digital (L.C.: 1 µm & Coarser)	Using Universal Length Measuring Machine by Comparison Method	0 to 50 mm	1.5µm

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92	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Radius Gauge	Using Profile Projector by Comparison Method	0 to 25 mm	10µm
93	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Right Angle / Engineers Square - Parallelism	Using Lever Dial Gauge and Surface Plate by Comparison Method	0 to 450 mm	7µm
94	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Right Angle / Engineers Square - Squareness	Using Cylindrical Square Master, Surface Plate by Comparison Method	0 to 450 mm	5µm
95	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Right Angle / Engineers Square - Straightness	Using Lever Dial Gauge and Surface Plate by Comparison Method	0 to 450 mm	7µm
96	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Scale	Using Profile Projector by Comparison Method	1 mm to 15 mm	58.3µm

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97	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Thread Plug Gauge - Effective Diameter	Using FCDM, Thread Measuring Wire by Comparison Method	2 mm to 100 mm	4µm
98	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thickness Foil	Using Electronic Probe with Indicator, Comparator Stand by Comparison Method	0.01 mm to 2 mm	1.3µm
99	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Measuring Wire	Using Electronic Probe with Indicator, Comparator Stand & Slip Gauge Block by Comparison Method	0.17 mm to 6.35 mm	1µm
100	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Pitch Gauge - Flank Angle	Using Profile Projector by Comparison Method	55° & 60°	11.6minute of arc
101	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Pitch Gauge - Pitch	Using Profile Projector by Comparison Method	0.25 mm to 8 mm	10µm

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102	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Ring Gauge - Effective Diameter	Using Length Measuring Machine by Comparison Method	2 mm to 100 mm	2.6µm
103	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V Block - Parallelism	Using Mandrel & Lever Dial Gauge by Comparison Method	0 to 200 mm	15.3µm
104	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V Block - Squareness	Using Cylindrical Square Master and Slip Gauge Block Set by Comparison Method	0 to 200 mm	8.6µm
105	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V Block - Symmetricity	Using Mandrel & Lever Dial Gauge by Comparison Method	0 to 200 mm	15.3µm
106	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Dial Calibration Tester - Analog / Digital (L.C.: 0.1 µm & Coarser)	Using Slip Gauge Block, Electronic Probe with Indicator by Comparison Method	0 to 25 mm	1.3µm

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107	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Electronic Height Gauge - Linear (L.C.: 0.1 µm)	Using Long Slip Gauge Block by Comparison Method	0 to 600 mm	5.6µm
108	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Electronic Height Gauge - Squareness (L.C.: 0.1 µm)	Using Cylindrical Square Master by Comparison Method	0 to 600 mm	6.1µm
109	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Electronic Probe with Indicator (L.C.: 0.1 µm)	Using Slip Gauge Block Set by Comparison Method	0 to 25 mm	0.7µm
110	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Floating Carriage Diameter Measuring Machine - Alignment of Centers to Base (L.C.: 0.1 µm)	Using Lever Dial Gauge, Surface Plate by Comparison Method	0 to 100 mm	3.8µm
111	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Floating Carriage Diameter Measuring Machine - Micrometer Head Error (L.C.: 0.1 µm)	Using Electronic Probe with Indicator, Slip Gauge Block by Comparison Method	0 to 100 mm	1.3µm
112	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Floating Carriage Diameter Measuring Machine - Overall Accuracy (L.C.: 0.1 µm)	Using Cylindrical Setting Master by Comparison Method	0 to 100 mm	6.1µm

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113	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Floating Carriage Diameter Measuring Machine - Parallelism of Micrometer Face to Line of Centers (L.C.: 0.1 µm)	Using Mandrel, Thread Measuring Wire by Comparison Method	0 to 100 mm	6µm
114	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Surface Roughness Specimen - Ra	Using Surface Roughness Tester by Comparison Method	Up to 5.39 µm	8%
115	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure Analog / Digital Pressure Gauge, Pressure Transmitter, Pressure Switch	Using Digital Multimeter, Digital Pressure Gauge with Hydraulic Test Pump by Comparison Method as per DKD R 6-1	0 to 70 bar	0.17bar
116	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure Analog / Digital Pressure Gauge, Pressure Transmitter, Pressure Switch	Using Digital Multimeter, Digital Pressure Gauge with Hydraulic Test Pump by Comparison Method as per DKD R 6-1	0 to 700 bar	1.16bar

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117	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure Analog / Digital Pressure Gauge, Pressure Transmitter, Pressure Switch	Using Digital Multimeter, Digital Pressure Gauge with Pneumatic Test Pump by Comparison Method based on DKD R 6-1	0 to 7 bar	0.06bar
118	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure-Analog / Digital Vacuum Gauge, Vacuum Transmitter, Vacuum Switch	Using Digital Multimeter, Digital Vacuum Gauge with Pneumatic Test Pump by Comparison Method as per DKD R 6-1	(-) 0.8 bar to 0 bar	0.006bar
119	MECHANICAL-TORQUE GENERATING DEVICES	Torque Wrench (Type I - Class B & C and Type II - Class A & B) - Clockwise Direction Only	Using Torque Transducer with Indicator by Comparison Method as per IS16906:2018	2 Nm to 1000 Nm	2%
120	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity Meter / Transmitter with Sensor, Humidity Indicator / Controller with Sensor, Humidity Transmitter without Indicator, Humidity Data logger, Thermohygrometer @ 25°C	Using Temperature and Humidity Indicator with Sensor, Temperature Humidity Chamber and Universal Calibrator by Comparison Method	25 %RH to 90 %RH	2.1%RH

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121	THERMAL-SPECIFIC HEAT & HUMIDITY	Temperature Meter / Transmitter with Sensor, Temperature Controller with Sensor, Temperature Transmitter without Indicator, Temperature Data logger, Thermohygrometer @ 50%RH	Using Temperature Indicator with Sensor, Temperature Humidity Chamber and Universal Calibrator by Comparison Method	5 °C to 50 °C	0.72°C
122	THERMAL-TEMPERATURE	Infrared Thermometer - Emissivity @ 0.95	Using Standard IR Thermometer and Black Body Source by Comparison Method	50 °C to 500 °C	3.3°C
123	THERMAL-TEMPERATURE	Liquid-In-Glass Thermometer	Using Standard PRT, Universal Calibrator, Negative Liquid Bath by Comparison Method	(-) 25 °C to 100 °C	0.79°C
124	THERMAL-TEMPERATURE	Liquid-In-Glass Thermometer	Using Standard PRT, Universal Calibrator, Oil Bath by Comparison Method	100 °C to 250 °C	1.3°C

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125	THERMAL-TEMPERATURE	RTD, Thermocouple with / Without Indicator, Digital / Analog Thermometer, Temperature Gauge, Temperature Sensing / Indicating Devices, Data Logger with Sensor, Temperature Recorder with Sensor, Temperature Transmitter	Using Standard PRT Sensor with Universal Calibrator, Liquid Bath by Comparison Method	(-) 25 °C to 50 °C	0.7°C
126	THERMAL-TEMPERATURE	RTD, Thermocouple with / Without Indicator, Digital / Analog Thermometer, Temperature Gauge, Temperature Sensing / Indicating Devices, Data Logger with Sensor, Temperature Recorder with Sensor, Temperature Transmitter	Using Standard PRT Sensor with Universal Calibrator, Dry Bath by Comparison Method	300 °C to 400 °C	0.7°C

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127	THERMAL-TEMPERATURE	RTD, Thermocouple with / Without Indicator, Digital / Analog Thermometer, Temperature Gauge, Temperature Sensing / Indicating Devices, Data Logger with Sensor, Temperature Recorder with Sensor, Temperature Transmitter	Using Standard PRT Sensor with Universal Calibrator, Oil Bath by Comparison Method	50 °C to 300 °C	0.7°C
128	THERMAL-TEMPERATURE	Thermocouples with / without Indicator, Digital / Analog Thermometer, Temperature Sensing / Indicating Devices, Data Logger with Sensor, Temperature Recorder with Sensor, Temperature Transmitter	Using S Type Thermocouple with Universal Calibrator, Dry Well Furnace by Comparison Method	400 °C to 1000 °C	1.76°C

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Site Facility					
1	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz to 1 kHz	Using 6½ Digit Multimeter by Direct Method	0.1 A to 1 A	0.37 % to 0.26 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz to 1 kHz	Using 6½ Digit Multimeter by Direct Method	1 A to 10 A	0.26 % to 0.25 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz to 1 kHz	Using 6½ Digit Multimeter by Direct Method	1 mA to 100 mA	1 % to 0.37 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage	Using High Voltage Probe with Digital Multimeter by Direct Method	1 kV to 5 kV	2.89%

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5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz to 1 kHz	Using 6½ Digit Multimeter by Direct Method	0.1 V to 1000 V	1.96 % to 0.13 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC voltage @ 50 Hz to 1 kHz	Using 6½ Digit Multimeter by Direct Method	1 mV to 100 mV	4.7 % to 1.96 %
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Resistance	Using 6½ Digit Multimeter by Direct Method	1 Mohm to 10 Mohm	0.05%
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Resistance	Using 6½ Digit Multimeter by Direct Method	1 ohm to 1 Mohm	0.06 % to 0.05 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Resistance	Using 6½ Digit Multimeter by Direct Method	10 Mohm to 1000 Mohm	0.05 % to 2.34 %

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10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 1 kHz	Using Multifunction Calibrator by Direct Method	0.2 A to 10 A	0.28 % to 0.62 %
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 1 kHz	Using Multifunction Calibrator and Current Coil by Direct Method	10 A to 1000 A	1.13 % to 0.96 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 1 kHz	Using Multifunction Calibrator by Direct Method	2 mA to 200 mA	3.07 % to 0.28 %
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC voltage @ 50 Hz to 1 kHz	Using Multifunction Calibrator by Direct Method	200 V to 1000 V	0.26 % to 0.34 %
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC voltage @ 50 Hz to 1 kHz	Using Multifunction Calibrator by Direct Method	5 mV to 200 V	1.28 % to 0.26 %
15	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance	Using Decade Resistance Box by Direct Method	1 kohm to 1000 kohm	0.15 % to 0.13 %

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16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance	Using Decade Resistance Box by Direct Method	1 Mohm to 1000 Mohm	0.13 % to 0.61 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance	Using Decade Resistance Box by Direct Method	1 ohm to 1000 ohm	0.6 % to 0.15 %
18	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter by Direct Method	1 mA to 100 mA	0.5 % to 0.11 %
19	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter by Direct Method	100 mA to 10 A	0.11 % to 0.5 %
20	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	1 mV to 100 V	0.2 % to 0.01 %
21	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	100 V to 1000 V	0.01 % to 0.1 %

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22	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multifunction Calibrator by Direct Method	0.20 A to 10 A	0.17 % to 0.6 %
23	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multifunction Calibrator and Current Coil by Direct Method	10 A to 1000 A	1.39 % to 1.97 %
24	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multifunction Calibrator by Direct Method	2 mA to 200 mA	2.97 % to 0.17 %
25	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multifunction Calibrator by Direct Method	1 mV to 200 V	2.2 % to 0.17 %
26	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multifunction Calibrator by Direct Method	200 V to 1000 V	0.17 % to 0.23 %
27	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using Precision Calibrator by Direct Method	(-) 100 °C to 800 °C	1.35°C

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28	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple J Type	Using Precision Calibrator by Direct Method	(-) 200 °C to 760 °C	0.4°C
29	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple K Type	Using Precision Calibrator by Direct Method	(-) 200 °C to 1300 °C	0.71°C
30	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple N Type	Using Precision Calibrator by Direct Method	(-) 200 °C to 1200 °C	1.8°C
31	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple R Type	Using Precision Calibrator by Direct Method	150 °C to 1700 °C	1.3°C
32	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple S Type	Using Precision Calibrator by Direct Method	150 °C to 1700 °C	1.4°C
33	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD	Using Precision Calibrator by Direct Method	(-) 100 °C to 800 °C	0.41°C

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34	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple J Type	Using Precision Calibrator by Direct Method	(-) 200 °C to 760 °C	0.4°C
35	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple K Type	Using Precision Calibrator by Direct Method	(-) 200 °C to 1300 °C	0.53°C
36	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple N Type	Using Precision Calibrator by Direct Method	(-) 200 °C to 1200 °C	0.7°C
37	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple R Type	Using Precision Calibrator by Direct Method	150 °C to 1700 °C	0.8°C
38	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple S Type	Using Precision Calibrator by Direct Method	150 °C to 1700 °C	1.6°C
39	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6½ Digit Multimeter by Direct Method	45 Hz to 1000 Hz	0.01%

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40	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Time Calibrator by Comparison Method	1 s to 3600 s	0.35 s to 4.85 s
41	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Time Calibrator by Comparison Method	3600 s to 86400 s	4.85 s to 100.3 s
42	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multifunction Calibrator by Direct Method	45 Hz to 1000 Hz	0.26%
43	MECHANICAL-ACCELERATION AND SPEED	Centrifuge - Non Contact	Using Digital Tachometer by Comparison Method	100 rpm to 1000 rpm	2.69rpm
44	MECHANICAL-ACCELERATION AND SPEED	Centrifuge - Non Contact	Using Digital Tachometer by Comparison Method	1000 rpm to 3500 rpm	23.62rpm
45	MECHANICAL-ACCELERATION AND SPEED	Tachometer / RPM Indicator with Sensor - Contact Type	Using Digital Tachometer and Rotating Source by Comparison Method	100 rpm to 1000 rpm	5.66rpm
46	MECHANICAL-ACCELERATION AND SPEED	Tachometer / RPM Indicator with Sensor - Contact Type	Using Digital Tachometer and Rotating Source by Comparison Method	1000 rpm to 5000 rpm	9.8rpm

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47	MECHANICAL-ACCELERATION AND SPEED	Tachometer / RPM Indicator with Sensor - Non Contact	Using Digital Tachometer and Rotating Source by Comparison Method	100 rpm to 1000 rpm	2.62rpm
48	MECHANICAL-ACCELERATION AND SPEED	Tachometer / RPM Indicator with Sensor - Non Contact	Using Digital Tachometer and Rotating Source by Comparison Method	1000 rpm to 10000 rpm	24.47rpm
49	MECHANICAL-ACCELERATION AND SPEED	Tachometer / RPM Indicator with Sensor - Non Contact	Using Digital Tachometer and Rotating Source by Comparison Method	10000 rpm to 99000 rpm	63.04rpm
50	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Surface Plate - Cast Iron & Granite	Using Spirit Level by Comparison Method	Up mm to 3000 X 3000 mm	4*Sqrt (L+W/150) µm, where L in mm
51	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Electronic Height Gauge - Linear (L.C.: 0.1 µm)	Using Long Slip Gauge Block by Comparison Method	0 to 600 mm	5.6µm
52	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Electronic Height Gauge - Squareness (L.C.: 0.1 µm)	Using Cylindrical Square Master by Comparison Method	0 to 600 mm	6.1µm

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53	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Metallurgical Microscope / Stereozoom Microscope - Magnification	Using Precision Glass Scale by Comparison Method	1X to 1000X	1%
54	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector / Optical Microscope - Magnification	Using Digital Caliper & Glass Scale by Comparison Method	10X to 100X	0.2%
55	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector / Optical Microscope / Video Measuring Machine - Angular (L.C.: 1 s and Coarser)	Using Angular Graticule by Comparison Method	0 to 360 °	2minute of arc
56	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector / Optical Microscope / Video Measuring Machine - Linear (L.C.: 0.1 µm and Coarser)	Using Long Slip Gauges by Comparison Method	0 to 300 mm	7.5µm
57	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector / Optical Microscope / Video Measuring Machine - Linear (L.C.: 0.1 µm and Coarser)	Using Precision Glass Scale by Comparison Method	0 to 200 mm	6.6µm

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58	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure Analog / Digital Pressure Gauge, Pressure Transmitter, Pressure Switch	Using Digital Multimeter, Digital Pressure Gauge with Hydraulic Test Pump by Comparison Method as per DKD R 6-1	0 to 70 bar	0.17bar
59	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure Analog / Digital Pressure Gauge, Pressure Transmitter, Pressure Switch	Using Digital Multimeter, Digital Pressure Gauge with Hydraulic Test Pump by Comparison Method as per DKD R 6-1	0 to 700 bar	1.16bar
60	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure Analog / Digital Pressure Gauge, Pressure Transmitter, Pressure Switch	Using Digital Multimeter, Digital Pressure Gauge with Pneumatic Test Pump by Comparison Method based on DKD R 6-1	0 to 7 bar	0.06bar
61	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure-Analog / Digital Vacuum Gauge, Vacuum Transmitter, Vacuum Switch	Using Digital Multimeter, Digital Vacuum Gauge with Pneumatic Test Pump by Comparison Method as per DKD R 6-1	(-) 0.8 bar to 0 bar	0.006bar

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62	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity Meter / Transmitter with Sensor, Humidity Indicator / Controller with Sensor, Humidity Transmitter without Indicator, Humidity Data logger, Thermohygrometer @ 25°C	Using Temperature and Humidity Indicator with Sensor, Temperature Humidity Chamber and Universal Calibrator by Comparison Method	25 %RH to 90 %RH	2.1%RH
63	THERMAL-SPECIFIC HEAT & HUMIDITY	Temperature Meter / Transmitter with Sensor, Temperature Controller with Sensor, Temperature Transmitter without Indicator, Temperature Data logger, Thermohygrometer @ 50%RH	Using Temperature Indicator with Sensor, Temperature Humidity Chamber and Universal Calibrator by Comparison Method	5 °C to 50 °C	0.72°C
64	THERMAL-TEMPERATURE	Infrared Thermometer - Emissivity @ 0.95	Using Standard IR Thermometer and Black Body Source by Comparison Method	50 °C to 500 °C	3.3°C

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65	THERMAL-TEMPERATURE	Liquid-In-Glass Thermometer	Using Standard PRT, Universal Calibrator, Negative Liquid Bath by Comparison Method	(-) 25 °C to 100 °C	0.79°C
66	THERMAL-TEMPERATURE	Liquid-In-Glass Thermometer	Using Standard PRT, Universal Calibrator, Oil Bath by Comparison Method	100 °C to 250 °C	1.3°C
67	THERMAL-TEMPERATURE	RTD, Thermocouple with / Without Indicator, Digital / Analog Thermometer, Temperature Gauge, Temperature Sensing / Indicating Devices, Data Logger with Sensor, Temperature Recorder with Sensor, Temperature Transmitter	Using Standard PRT Sensor with Universal Calibrator, Liquid Bath by Comparison Method	(-) 25 °C to 50 °C	0.7°C

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68	THERMAL-TEMPERATURE	RTD, Thermocouple with / Without Indicator, Digital / Analog Thermometer, Temperature Gauge, Temperature Sensing / Indicating Devices, Data Logger with Sensor, Temperature Recorder with Sensor, Temperature Transmitter	Using Standard PRT Sensor with Universal Calibrator, Dry Bath by Comparison Method	300 °C to 400 °C	0.7°C
69	THERMAL-TEMPERATURE	RTD, Thermocouple with / Without Indicator, Digital / Analog Thermometer, Temperature Gauge, Temperature Sensing / Indicating Devices, Data Logger with Sensor, Temperature Recorder with Sensor, Temperature Transmitter	Using Standard PRT Sensor with Universal Calibrator, Oil Bath by Comparison Method	50 °C to 300 °C	0.7°C

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70	THERMAL-TEMPERATURE	Thermocouples with / without Indicator, Digital / Analog Thermometer, Temperature Sensing / Indicating Devices, Data Logger with Sensor, Temperature Recorder with Sensor, Temperature Transmitter	Using S Type Thermocouple with Universal Calibrator, Dry Well Furnace by Comparison Method	400 °C to 1000 °C	1.76°C

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