National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PRIVATE LIMITED, F - 40, SECTOR - 9, GAUTAM BUDDHA NAGAR, NOIDA, UTTAR PRADESH, 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)	1 Phase AC Power @ 50 Hz (10 V to 600 V, 0.5 A to 20 A, 0.5 Lead/Lag PF)	Using Power Meter by Direct Method	2.5 W to 6 kW	0.3 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ (50 Hz to 1 kHz)	Using Power Meter by Direct Method	10 A to 20 A	0.25 % to 0.15 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ (50 Hz to 1 kHz)	Using 6½ DMM by Direct Method	100 mA to 10 A	0.16 % to 0.25 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ (50 Hz to 1 kHz)	Using 6½ DMM by Direct Method	30 µA to 100 mA	1.25 % to 0.16 %

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5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Power @ 50 Hz (10 V to 600 V, 0.1 A to 20 A, UPF)	Using Power Meter by Direct Method	1 W to 12 kW	0.15 % to 0.18 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Resistance @ 1 kHz (2 Wire)	Using LCR Meter by Direct Method	1 ohm to 100 Mohm	0.29 %
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ (50 Hz to 1 kHz)	Using 6½ DMM by Direct Method	1 mV to 10 V	0.55 % to 0.10 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ (50 Hz to 1 kHz)	Using 6½ DMM by Direct Method	10 V to 1000 V	0.10 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using LCR Meter by Direct Method	100 pF to 100 µF	0.4 6 % to 0.4 %

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10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Inductance @ 1 kHz	Using LCR Meter by Direct Method	100 µH to 10 H	0.49 %
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (50 Hz to 1 kHz)	Using Multi Product Calibrator by Direct Method	1 A to 20 A	0.07 % to 0.17 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (50 Hz to 1 kHz)	Using Multi Product Calibrator & 50 Turn Current Coil by Direct Method	20 A to 1000 A	1.65 % to 0.17 %
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (50 Hz to 1 kHz)	Using Multi Product Calibrator by Direct Method	30 µA to 1 A	0.55 % to 0.07 %
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Power @ 50 Hz (10 V to 600 V, 0.1 A to 20 A, UPF)	Using Multi Product Calibrator by Direct Method	1 W to 12 kW	0.2 % to 0.4 %

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15	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Power @ 50 Hz (10 V to 600 V, 0.5 A to 20 A, 0.5 Lead/Lag PF)	Using Multi Product Calibrator by Direct Method	2.5 W to 6 kW	0.5 % to 0.7 %
16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Resistance @ 1 kHz (2 Wire)	Using Standard Resistance Box by Direct Method	1 ohm to 10 kohm	0.6 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Resistance @ 1 kHz (2 Wire)	Using Standard Megaohm Box by Direct Method	100 kohm to 100 Mohm	3.5 %
18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ (50 Hz to 1 kHz)	Using Multi Product Calibrator by Direct Method	1 mV to 300 mV	2.5 % to 0.4 %
19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ (50 Hz to 1 kHz)	Using Multi Product Calibrator by Direct Method	10 V to 1000 V	0.05 % to 0.07 %
20	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ (50 Hz to 1 kHz)	Using Multi Product Calibrator by Direct Method	300 mV to 10 V	0.4 % to 0.05 %

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21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @ 1 kHz	Using Decade Capacitance Box by Direct Method	100 pF to 100 µF	1.16 %
22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @ 1 kHz	Using Multi Product Calibrator by Direct Method	1 nF to 1 µF	1.7 % to 0.42 %
23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @ 100 Hz	Using Multi Product Calibrator by Direct Method	1 µF to 100 µF	0.42 % to 0.7 %
24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Decade Inductance Box by Direct Method	1 H to 10 H	1.2 %
25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Decade Inductance Box by Direct Method	1 mH to 1 H	1.2 %
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Decade Inductance Box by Direct Method	100 µH to 1 mH	1.2 %

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27	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Power Factor (Lag/Lead)	Using Multi Product Calibrator by Direct Method	0.2 PF to UPF	0.0086 PF
28	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Capacitance	Using 6½ DMM by Direct Method	1 µF to 1 mF	1.8 %
29	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Capacitance	Using 6½ DMM by Direct Method	1 nF to 1 µF	5.2 % to 1.8 %
30	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ DMM by Direct Method	1 µA to 100 µA	0.072 % to 0.09 %
31	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ DMM by Direct Method	1 A to 10 A	0.08 % to 0.18 %
32	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Power Meter by Direct Method	10 A to 20 A	0.18 % to 0.15 %

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33	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ DMM by Direct Method	100 µA to 1 A	0.09 % to 0.08 %
34	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Resistance @ 1000 V (2 Wire)	Using Insulation Tester by Direct Method	1 Gohm	12.3 %
35	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Resistance @ 1000 V (2 Wire)	Using Insulation Tester by Direct Method	2 Gohm	12.3 %
36	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Resistance @ 1000 V (2 Wire)	Using Insulation Tester by Direct Method	20 Gohm	17.5 %
37	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Low Resistance (4 Wire)	Using Digital Micro ohm Meter by Direct Method	100 µohm to 1 ohm	0.55 % to 0.1 %
38	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Power (10 V to 1000 V, 0.1 A to 20 A)	Using Power Meter by Direct Method	1 W to 20 kW	0.15 %

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39	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 Wire)	Using 6½ DMM by Direct Method	1 Mohm to 100 Mohm	0.05 %
40	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 Wire)	Using 6½ DMM by Direct Method	1 ohm to 100 ohm	0.05 % to 0.016 %
41	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 Wire)	Using 6½ DMM by Direct Method	100 Mohm to 1 Gohm	0.05 % to 2.36 %
42	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (4 Wire)	Using 6½ DMM by Direct Method	100 ohm to 1 Mohm	0.016 % to 0.05 %
43	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ DMM by Direct Method	1 mV to 10 V	0.12 % to 0.01 %
44	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ DMM by Direct Method	10 V to 1000 V	0.01 % to 0.05 %

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45	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi Product Calibrator by Direct Method	1 A to 10 A	0.05 % to 0.08 %
46	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi Product Calibrator by Direct Method	10 µA to 1 A	0.25 % to 0.05 %
47	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi Product Calibrator by Direct Method	10 A to 20 A	0.08 % to 0.15 %
48	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi Product Calibrator & 50 Turn Current Coil by Direct Method	20 A to 1000 A	0.15 % to 0.14 %
49	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC High Resistance @ 1000 V (2 Wire)	Using Standard Megaohm Box by Direct Method	1 Gohm to 20 Gohm	3.5 %
50	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire)	Using Standard Resistance Box by Direct Method	100 µohm to 1 ohm	1.1 % to 0.6 %

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51	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Power (10 V to 1000 V, 0.1 A to 20 A)	Using Multi Product Calibrator by Direct Method	1 W to 20 kW	0.2 % to 0.6 %
52	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Multi Product Calibrator by Direct Method	1 kohm to 1 Mohm	0.013 % to 0.02 %
53	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Multi Product Calibrator by Direct Method	1 Mohm to 1100 Mohm	0.02 % to 1.8 %
54	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Multi Product Calibrator by Direct Method	1 ohm to 1 kohm	1.8 % to 0.013 %
55	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Standard Megaohm Box by Direct Method	100 kohm to 1 Gohm	3.5 %
56	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi Product Calibrator by Direct Method	1 mV to 300 mV	0.35 % to 0.01 %

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57	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi Product Calibrator by Direct Method	300 mV to 1000 V	0.01 % to 0.007 %
58	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using 6½ DMM & Precision Temperature Scanner by Direct Method	(-) 200 °C to 800 °C	0.26 °C
59	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple - N Type	Using 6½ DMM & Precision Temperature Scanner by Direct Method	(-) 200 °C to 1300 °C	0.47 °C
60	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple - J Type	Using 6½ DMM & Precision Temperature Scanner by Direct Method	(-) 200 °C to 1200 °C	0.47 °C
61	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple - K Type	Using 6½ DMM & Precision Temperature Scanner by Direct Method	(-) 200 °C to 1372 °C	0.47 °C
62	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple - R Type	Using 6½ DMM & Precision Temperature Scanner by Direct Method	0 °C to 1767 °C	0.73 °C

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63	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple - S Type	Using 6½ DMM & Precision Temperature Scanner by Direct Method	0 °C to 1767 °C	0.48 °C
64	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple - T Type	Using 6½ DMM & Precision Temperature Scanner by Direct Method	(-) 250 °C to 400 °C	0.42 °C
65	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD	Using Multi Product Calibrator by Direct Method	(-) 200 °C to 800 °C	0.30 °C
66	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple - J Type	Using Multi Product Calibrator by Direct Method	(-) 210 °C to 1200 °C	0.47 °C
67	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple - K Type	Using Multi Product Calibrator by Direct Method	(-) 200 °C to 1372 °C	0.47 °C
68	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple - N Type	Using Multi Product Calibrator by Direct Method	(-) 200 °C to 1300 °C	0.49 °C

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69	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple - R Type	Using Multi Product Calibrator by Direct Method	0 °C to 1767 °C	0.73 °C
70	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple - S Type	Using Multi Product Calibrator by Direct Method	0 °C to 1767 °C	0.55 °C
71	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple - T Type	Using Multi Product Calibrator by Direct Method	(-) 250 °C to 400 °C	0.73 °C
72	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6½ DMM by Direct Method	10 Hz to 1 MHz	0.1 % to 0.02 %
73	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Timer by Comparison Method	1 s to 1800 s	2.2 % to 1.3 %
74	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Timer by Comparison Method	1800 s to 18000 s	10 s

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75	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Timer by Comparison Method	18000 s to 86400 s	15 s
76	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency @ 3 V	Using Multi Product Calibrator by Direct Method	10 Hz to 50 Hz	0.015 % to 0.005 %
77	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency @ 3 V	Using Multi Product Calibrator by Direct Method	50 Hz to 1 MHz	0.005 %
78	FLUID FLOW-FLOW MEASURING DEVICES	Anemometer (Vane & Hot Wire Type)	Using Anemometer Calibration Source & Anemometer by Comparison Method	0.2 m/s to 5 m/s	8.5 %
79	FLUID FLOW-FLOW MEASURING DEVICES	Anemometer (Vane & Hot Wire Type)	Using Anemometer Calibration Source & Anemometer by Comparison Method	5 m/s to 25 m/s	3 %
80	FLUID FLOW-FLOW MEASURING DEVICES	Flow Meter/Rotameter/Dry Gas Meter (Air)	Using Laminar Gas Flow Calibrator by Comparison Method	0.5 lpm to 50 lpm	3 %

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81	FLUID FLOW-FLOW MEASURING DEVICES	Flow Rate (Air) of High Volume Sampler/Respirable Dust Sampler/PM 10 Sampler	Using Orifice Transfer Standard (Top Loading Calibrator) by Comparison Method	0.67 m^3/minute to 1.4 m^3/minute	3.26 %
82	FLUID FLOW-FLOW MEASURING DEVICES	Rotameter/Analog/Digital Flow Meter (Air)	Using Laminar Gas Flow Calibrator by Comparison Method	1 CCM to 500 CCM	2.9 %
83	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Non Contact Type)	Using Digital Tachometer & Tachometer Calibrator by Comparison Method	> 1000 rpm to 60000 rpm	1 %
84	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Non Contact Type)	Using Digital Tachometer & Tachometer Calibrator by Comparison Method	50 rpm to 1000 rpm	13.21 %
85	MECHANICAL-ACCELERATION AND SPEED	Tachometer, RPM Meter (Contact Type)	Using Digital Tachometer & Tachometer Calibrator by Comparison Method	1000 rpm to 6000 rpm	7 rpm
86	MECHANICAL-ACCELERATION AND SPEED	Tachometer, RPM Meter (Contact Type)	Using Digital Tachometer & Tachometer Calibrator by Comparison Method	60 rpm to 1000 rpm	2.69 rpm

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87	MECHANICAL-ACOUSTICS	Sound level Meter @ 1 kHz	Using Sound Calibrator by Direct Method	94 dB &114 dB	0.64 dB
88	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel/Degree Protector L.C.: 0.01°/ 5 minute	Using Angle Gauge Set by Comparison Method	0 ° to 360 °	5 minute
89	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Coating Thickness Gauge L.C.: 0.01 µm & coarser	Using Standard Foil by Comparison Method	20 µm to 1000 µm	4.16 µm
90	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Combination Set & Angle Protector L.C.: 1°	Using Angle Gauge Set by Comparison Method	0 ° to 180 °	35 minute
91	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cube Mould (Length)	Using Digital Vernier Caliper by Comparison Method	20 mm to 150 mm	50 µm

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92	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer L.C.: 0.01 mm	Using Slip Gauge Set by Comparison Method	0 to 100 mm	9.32 µm
93	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Bore Gauge (Transmission Error) L.C.: 0.001 mm	Using Digital Calibration Tester by Comparison Method	0 to 2 mm	9.6 µm
94	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Caliper L.C.: 0.02 mm	Using Slip Gauge Set & Caliper Checker by Comparison Method	0 to 300 mm	15 µm
95	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauge (Lever Type) L.C.: 0.001 mm	Using Dial Calibration Tester by Comparison Method	0 to 1 mm	3.8 µm
96	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauge (Lever Type) L.C.: 0.001 mm	Using Dial Calibration Tester by Comparison Method	0 to 0.14 mm	3.52 µm

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97	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauge (Lever Type) L.C.: 0.001 mm	Using Dial Calibration Tester by Comparison Method	0 to 0.8 mm	2.2 µm
98	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauge (Lever Type) L.C.: 0.001 mm	Using Dial Calibration Tester by Comparison Method	0 to 0.28 mm	2 µm
99	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Snap Gauge L.C.: 0.001 mm	Using Slip Gauge Set by Comparison Method	0 to 200 mm	4.9 µm
100	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge L.C.: 0.01 mm	Using Slip Gauge Set by Comparison Method	0 to 25 mm	10 µm
101	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C.: 0.01 mm	Using Slip Gauge Block by Comparison Method	100 mm to 600 mm	7.9 µm

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102	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C.: 0.001 mm	Using Slip Gauge Block Set by Comparison Method	0 to 25 mm	1.5 µm
103	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C.: 0.001 mm	Using Slip Gauge Block by Comparison Method	0 to 150 mm	2.8 µm
104	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C.: 0.001 mm	Using Slip Gauge Block Set by Comparison Method	0 to 50 mm	2.5 µm
105	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	Using Digital Dial Gauge & Comparator Stand by Comparison Method	0.05 mm to 2 mm	5 µm
106	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Hegman Gauge Step: 0.01 mm	Using Electronic probe & Digital Readout by Comparison Method	0 to 100 µm	1.8 µm

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107	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge L.C.: 0.01 mm	Using Slip Gauge Set, Caliper Checker & Surface Plate by Comparison Method	0 to 450 mm	12 µm
108	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge L.C.: 0.01 mm	Using Slip Gauge Set, Caliper Checker & Surface Plate by Comparison Method	0 to 600 mm	15.22 µm
109	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge LC: 0.01 mm	Using Slip Gauge Set, Caliper Checker, Surface by Comparison Method	0 to 300 mm	9 µm
110	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Inside Dial Caliper L.C.: 0.02 mm	Using Slip Gauge Set by Comparison Method	0.5 mm to 75 mm	15 µm
111	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Micrometer L.C.: 0.001 mm	Using Slip Gauge set with Accessories & Caliper Checker by Comparison Method	50 mm to 1000 mm	16 µm

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112	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Pin	Using Slip Gauge Set & Electronic Probe by Comparison Method	0.1 mm to 100 mm	4.71 µm
113	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Rod	Using Slip Gauge Set & Dial Gauge by Comparison Method	25 mm to 575 mm	10.2 µm
114	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pistol Caliper L.C.: 0.1 mm	Using Slip Gauge Set by Comparison Method	Up to 100 mm	90 µm
115	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge	Using Slip Gauge Set & Dial Gauge by Comparison Method	3 mm to 200 mm	9 µm
116	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Type Dial Gauge/Digimatic Indicator L.C.: 0.001 mm	Using Dial Calibration Tester, Electronic Probe & Slip Gauge Set by Comparison Method	0 to 10 mm	3.52 µm

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117	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Type Dial Gauge/Digimatic Indicator L.C.: 0.010 mm	Using Dial Calibration Tester, Electronic Probe & Slip Gauge Set by Comparison Method	0 to 50 mm	5.8 µm
118	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Standard Thickness Foil	Using Digital Micrometer by Comparison Method	9 µm to 5 mm	4.9 µm
119	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Surface Plate (Flatness)	Using Digital Level Indicator (L.C.: 0.01 mm/m) by Comparison Method	2000 X 2000 mm	2.4 x sqrt (L+W)/150 µm, L & W in mm
120	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Test Sieves (Aperture Size)	Using Digital Caliper by Comparison Method	4 mm to 100 mm	28.29 µm
121	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V- Block (Flatness)	Using Dial Gauge & Surface Plate by Comparison Method	150x150x150 mm	10.6 µm

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122	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V- Block (Parallelism)	Using Dial Gauge & Surface Plate by Comparison Method	150x150x150 mm	10.6 µm
123	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V- Block (Symmetry)	Using Dial Gauge & Surface Plate by Comparison Method	150x150x150 mm	10.6 µm
124	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper/ Dial/ Electronic Caliper L.C.: 0.01 mm	Using Slip Gauge Set & Caliper Checker by Comparison Method	0 to 1000 mm	17 µm
125	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper/Dial/Electronic Caliper L.C.: 0.01 mm	Using Slip Gauge Set & Caliper Checker by Comparison Method	0 to 200 mm	7 µm
126	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper/Dial/Electronic Caliper L.C.: 0.01 mm	Using Slip Gauge Set & Caliper Checker by Comparison Method	0 to 450 mm	10 µm

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127	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper/Dial/Electronic Caliper L.C.: 0.01 mm	Using Slip Gauge Set & Caliper Checker by Comparison Method	0 to 600 mm	14 µm
128	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Depth Gauge L.C.: 0.01 mm	Using Slip Gauge Set by Comparison Method	0 to 300 mm	14 µm
129	MECHANICAL-PRESSURE INDICATING DEVICES	Barometric Pressure Gauge, Barometric Pressure Switch, Barometric Pressure Sensor/Transducer/Transmitter with Indicator (Digital/Analog)	Using Digital Barometric Pressure Indicator, Comparator & Digital Multimeter by Comparison Method as per DKD-R 6-1	200 mbar (abs) to 1050 mbar (abs)	1.28 mbar (abs)
130	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure Transmitter (Digital/Analog) (Hydraulic)	Using Digital Pressure Gauge, Multimeter & Comparator Pump by Comparison Method as per DKD-R 6-1	0 to 30 bar	0.4 bar

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131	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure Transmitter (Digital/Analog) (Hydraulic)	Using Digital Pressure Gauge, Multimeter & Comparator Pump by Comparison Method as per DKD-R 6-1	0 to 700 bar	1.01 bar
132	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge/Magnehelic Gauge	Using Pressure Calibrator & handheld Pump by Comparison Method	0 to 1000 mbar	1.38 mbar
133	MECHANICAL-VOLUME	Burette/Flask/Pipette /Cylinder/Beaker	Using Weighing Balance (Readability: 0.01 mg) & Distilled Water by Gravimetric Method as per ISO 4787: 2021	> 1 ml to 10 ml	1.1 µl
134	MECHANICAL-VOLUME	Burette/Flask/Pipette /Cylinder/Beaker	Using Weighing Balance (Readability: 0.01 mg/0.1 mg) & Distilled Water by Gravimetric Method as per ISO 4787: 2021	> 10 ml to 100 ml	0.024 ml

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135	MECHANICAL-VOLUME	Flask/Cylinder/Beaker	Using Weighing Balance (Readability: 0.01 g) & Distilled Water by Gravimetric Method as per ISO 8655-6: 2022	> 100 ml to 5000 ml	1.14 ml
136	MECHANICAL-VOLUME	Micropipette	Using Weighing Balance (Readability: 0.01 mg) & Distilled Water by Gravimetric Method as per IS 8655-6: 2022	> 100 µl to 1000 µl	0.9 µl
137	MECHANICAL-VOLUME	Micropipette	Using Weighing Balance (Readability: 0.01 mg) & Distilled Water by Gravimetric Method as per IS 8655-6: 2022	20 µl to 100 µl	0.9 µl
138	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Scale & Weighing Balance Readability: 0.01 mg & coarser (Class I and coarser)	Using E1 class standard weights by Comparison Method as per OIML R 76-I	0 to 92 g	0.3 mg

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139	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Scale & Weighing Balance Readability: 0.1 mg & coarser (Class I and coarser)	Using E1 class standard weights by Comparison Method as per OIML R 76-I	0 to 220 g	0.9 mg
140	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Scale & Weighing Balance Readability: 1 mg & coarser (Class II and coarser)	Using E2 class standard weights by Comparison Method as per OIML R 76-I	0 to 3 kg	10 mg
141	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Scale & Weighing Balance Readability: 10 g & coarser (Class IIII & coarser)	Using E2 class standard weights as per by Comparison Method OIML R 76-I	0 to 100 kg	9.1 g
142	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Scale & Weighing Balance Readability: 10 mg & coarser (Class II & coarser)	Using E2 class standard weights by Comparison Method as per OIML R 76-I	0 to 10 kg	10 mg
143	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Scale & Weighing Balance Readability: 100 g & coarser (Class IIII & coarser)	Using F1 class standard weights by Comparison Method as per OIML R 76-I	0 to 1000 kg	76 g
144	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Scale & Weighing Balance Readability: 100 g & coarser (Class IIII & coarser)	Using F1 class standard weights by Comparison Method as per OIML R 76-I	0 to 500 kg	64.54 g

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145	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Scale & Weighing Balance Readability: 100 mg & coarser (Class III & coarser)	Using E2 class standard weights by Comparison Method as per OIML R 76-I	0 to 35 kg	91.52 mg
146	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E1 Class weights and Precision Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	50 g	0.022 mg
147	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E1 Class weights and Precision Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	10 g	0.02 mg
148	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E2 Class weights and Precision Balance (Readability: 10 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	10 kg	9.3 mg

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149	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E2 Class weights and Precision Balance (Readability: 1 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	2 kg	1.11 mg
150	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E1 Class weights and Precision Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	200 g	0.092 mg
151	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E1 Class weights and Precision Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	5 g	0.01 mg
152	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E1 Class weights and Precision Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	1 g	0.01 mg

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153	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E2 Class weights and Precision Balance (Readability: 1 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	1 kg	0.55 mg
154	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E1 Class weights and Precision Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	100 g	0.049 mg
155	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E1 Class weights and Precision Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	100 mg	0.01 mg
156	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E1 Class weights and Precision Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	2 g	0.01 mg

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157	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E1 Class weights and Precision Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	20 g	0.02 mg
158	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E1 Class weights and Precision Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	20 mg	0.01 mg
159	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E1 Class weights and Precision Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	200 mg	0.01 mg
160	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E2 Class weights and Precision Balance (Readability: 10 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	5 kg	8.2 mg

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161	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E1 Class weights and Precision Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	50 mg	0.01 mg
162	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E2 Class weights and Precision Balance (Readability: 1 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	500 g	0.32 mg
163	MECHANICAL-WEIGHTS	Weights (F1 Class and coarser)	Using E1 Class weights and Precision Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	500 mg	0.01 mg
164	MECHANICAL-WEIGHTS	Weights (F2 Class and coarser)	Using E1 Class weights and Precision Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	1 mg	0.01 mg

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165	MECHANICAL-WEIGHTS	Weights (F2 Class and coarser)	Using E1 Class weights and Precision Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	10 mg	0.01 mg
166	MECHANICAL-WEIGHTS	Weights (F2 Class and coarser)	Using E1 Class weights and Precision Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	2 mg	0.01 mg
167	MECHANICAL-WEIGHTS	Weights (F2 Class and coarser)	Using E2 Class weights and Precision Balance (Readability: 100 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	20 kg	82 mg
168	MECHANICAL-WEIGHTS	Weights (F2 Class and coarser)	Using E1 Class weights and Precision Balance (Readability: 0.01 mg) by Substitution Method (ABBA Cycle as per OIML R 111)	5 mg	0.01 mg

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169	MECHANICAL-WEIGHTS	Weights (M3 Class and coarser)	Using F1 Class weights and Precision Balance (Readability: 10 g) by Substitution Method (ABBA Cycle as per OIML R 111)	50 kg	8.2 g
170	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity Indicator with sensor of Humidity Chamber/ Environmental Chamber/ Humidity Generator @ 25 °C (Single position)	Using Precision Standard Hygrometer by Comparison Method	12 %rh to 95 %rh	1.6 %rh
171	THERMAL-SPECIFIC HEAT & HUMIDITY	Hygrometer/ Humidity Meter/ Digital Hygrometer/ Thermo-Hygrometer/ Data Logger with sensor @ 25 °C	Using Precision Standard Hygrometer, Temperature & Humidity Chamber by Comparison Method	12 %rh to 95 %rh	1.6 %rh
172	THERMAL-SPECIFIC HEAT & HUMIDITY	Hygrometer/ Humidity Meter/Digital Hygrometer/Thermo-Hygrometer/Data Logger with sensor @ 50 %rh	Using Precision Standard Hygrometer, Temperature & Humidity Chamber by Comparison Method	10 °C to 50 °C	1 °C

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173	THERMAL-SPECIFIC HEAT & HUMIDITY	Temperature Indicator with sensor of Humidity Chamber/ Environmental Chamber/ Humidity Generator @ 50 %rh (Single position)	Using Precision Standard Hygrometer by Comparison Method	10 °C to 50 °C	0.9 °C
174	THERMAL-TEMPERATURE	Liquid in Glass Thermometer	Using SPRT with Precision Temperature Scanner, Oil Temperature Bath by Comparison Method	50 °C to 250 °C	0.6 °C
175	THERMAL-TEMPERATURE	RTD with or without Indicator, Thermocouple with or without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter with Indicator	Using SPRT & High Precision Temperature Scanner & Temperature Bath by Comparison Method	(-) 15 °C to 250 °C	0.6 °C

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176	THERMAL-TEMPERATURE	RTD with or without Indicator, Thermocouple with or without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter with Indicator	Using SPRT, High Precision Temperature Scanner & Dry Block Furnace by Comparison Method	> 250 °C to 600 °C	1.74 °C
177	THERMAL-TEMPERATURE	Temperature Indicator with sensor of Dry Block Calibrator/Furnace (For Non Medical purpose only) - Single Position	Using S type Thermocouple, High Precision Temperature Scanner & Temperature bath by Comparison Method	> 660 °C to 1200 °C	1.9 °C
178	THERMAL-TEMPERATURE	Thermocouple with or without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter, Temperature Switch	Using S type Thermocouple with Precision Temperature Scanner, 6½ DMM & Dry Block Furnace by Comparison Method	> 600 °C to 1200 °C	2.17 °C

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Site Facility					
1	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	1 Phase AC Power @ 50 Hz (10 V to 600 V, 0.5 A to 20 A, 0.5 Lead/Lag PF)	Using Power Meter by Direct Method	2.5 W to 6 kW	0.3 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	3 Phase 4 Wire Active Energy @ 50 Hz (240 V, 20 A to 60 A, UPF)	Using Energy Logger by Comparison Method	1.2 kWh to 43.2 kWh	1.9 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ (50 Hz to 1 kHz)	Using Power Meter by Direct Method	10 A to 20 A	0.25 % to 0.15 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ (50 Hz to 1 kHz)	Using 6½ DMM by Direct Method	100 mA to 10 A	0.16 % to 0.25 %

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5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ (50 Hz to 1 kHz)	Using 6½ DMM by Direct Method	30 µA to 100 mA	1.25 % to 0.16 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 50 Hz	Using 6½ DMM & Current Transformer (2000/5A) by Direct Method	20 A to 1000 A	1.36 %
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage	Using High Voltage with DMM by Direct Method	1 kV to 28 kV	7.1 % to 6 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Power @ 50 Hz (10 V to 600 V, 0.1 A to 20 A, UPF)	Using Power Meter by Direct Method	1 W to 12 kW	0.15 % to 0.18 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Resistance @ 1 kHz (2 Wire)	Using LCR Meter by Direct Method	1 ohm to 100 Mohm	0.29 %

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10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ (50 Hz to 1 kHz)	Using 6½ DMM by Direct Method	1 mV to 10 V	0.55 % to 0.10 %
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ (50 Hz to 1 kHz)	Using 6½ DMM by Direct Method	10 V to 1000 V	0.10 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using LCR Meter by Direct Method	100 pF to 100 µF	0.4 6 % to 0.4 %
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Inductance @ 1 kHz	Using LCR Meter by Direct Method	100 µH to 10 H	0.49 %
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (50 Hz to 1 kHz)	Using Multi Product Calibrator by Direct Method	1 A to 20 A	0.07 % to 0.17 %

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15	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (50 Hz to 1 kHz)	Using Multi Product Calibrator & 50 Turn Current Coil by Direct Method	20 A to 1000 A	1.65 % to 0.17 %
16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (50 Hz to 1 kHz)	Using Multi Product Calibrator by Direct Method	30 µA to 1 A	0.55 % to 0.07 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Power @ 50 Hz (10 V to 600 V, 0.1 A to 20 A, UPF)	Using Multi Product Calibrator by Direct Method	1 W to 12 kW	0.2 % to 0.4 %
18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Power @ 50 Hz (10 V to 600 V, 0.5 A to 20 A, 0.5 Lead/Lag PF)	Using Multi Product Calibrator by Direct Method	2.5 W to 6 kW	0.5 % to 0.7 %
19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Resistance @ 1 kHz (2 Wire)	Using Standard Resistance Box by Direct Method	1 ohm to 10 kohm	0.6 %
20	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Resistance @ 1 kHz (2 Wire)	Using Standard Megaohm Box by Direct Method	100 kohm to 100 Mohm	3.5 %

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21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ (50 Hz to 1 kHz)	Using Multi Product Calibrator by Direct Method	1 mV to 300 mV	2.5 % to 0.4 %
22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ (50 Hz to 1 kHz)	Using Multi Product Calibrator by Direct Method	10 V to 1000 V	0.05 % to 0.07 %
23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ (50 Hz to 1 kHz)	Using Multi Product Calibrator by Direct Method	300 mV to 10 V	0.4 % to 0.05 %
24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @ 1 kHz	Using Decade Capacitance Box by Direct Method	100 pF to 100 µF	1.16 %
25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @ 100 Hz	Using Multi Product Calibrator by Direct Method	1 µF to 100 µF	0.42 % to 0.7 %
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Decade Inductance Box by Direct Method	1 H to 10 H	1.2 %

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27	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Decade Inductance Box by Direct Method	1 mH to 1 H	1.2 %
28	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Decade Inductance Box by Direct Method	100 µH to 1 mH	1.2 %
29	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Power Factor (Lag/Lead)	Using Multi Product Calibrator by Direct Method	0.2 PF to UPF	0.0086 PF
30	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Capacitance	Using 6½ DMM by Direct Method	1 µF to 1 mF	1.8 %
31	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Capacitance	Using 6½ DMM by Direct Method	1 nF to 1 µF	5.2 % to 1.8 %
32	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ DMM by Direct Method	1 µA to 100 µA	0.072 % to 0.09 %

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33	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ DMM by Direct Method	1 A to 10 A	0.08 % to 0.18 %
34	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Power Meter by Direct Method	10 A to 20 A	0.18 % to 0.15 %
35	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ DMM by Direct Method	100 µA to 1 A	0.09 % to 0.08 %
36	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Current	Using 6½ DMM & Current Shunt by Direct Method	20 A to 1000 A	1 %
37	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Resistance @ 1000 V (2 Wire)	Using Insulation Tester by Direct Method	1 Gohm	12.3 %
38	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Resistance @ 1000 V (2 Wire)	Using Insulation Tester by Direct Method	2 Gohm	12.3 %

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39	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Resistance @ 1000 V (2 Wire)	Using Insulation Tester by Direct Method	20 Gohm	17.5 %
40	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Low Resistance (4 Wire)	Using Digital Micro ohm Meter by Direct Method	100 µohm to 1 ohm	0.55 % to 0.1 %
41	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Power (10 V to 1000 V, 0.1 A to 20 A)	Using Power Meter by Direct Method	1 W to 20 kW	0.15 %
42	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 Wire)	Using 6½ DMM by Direct Method	1 Mohm to 100 Mohm	0.05 %
43	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 Wire)	Using 6½ DMM by Direct Method	1 ohm to 100 ohm	0.05 % to 0.016 %
44	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 Wire)	Using 6½ DMM by Direct Method	100 Mohm to 1 Gohm	0.05 % to 2.36 %

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45	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (4 Wire)	Using 6½ DMM by Direct Method	100 ohm to 1 Mohm	0.016 % to 0.05 %
46	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ DMM by Direct Method	1 mV to 10 V	0.12 % to 0.01 %
47	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ DMM by Direct Method	10 V to 1000 V	0.01 % to 0.05 %
48	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi Product Calibrator by Direct Method	1 A to 10 A	0.05 % to 0.08 %
49	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi Product Calibrator by Direct Method	10 µA to 1 A	0.25 % to 0.05 %
50	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi Product Calibrator by Direct Method	10 A to 20 A	0.08 % to 0.15 %

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51	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi Product Calibrator & 50 Turn Current Coil by Direct Method	20 A to 1000 A	0.15 % to 0.14 %
52	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC High Resistance @ 1000 V (2 Wire)	Using Standard Megaohm Box by Direct Method	1 Gohm to 20 Gohm	3.5 %
53	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire)	Using Standard Resistance Box by Direct Method	100 µohm to 1 ohm	1.1 % to 0.6 %
54	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Power (10 V to 1000 V, 0.1 A to 20 A)	Using Multi Product Calibrator by Direct Method	1 W to 20 kW	0.2 % to 0.6 %
55	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Multi Product Calibrator by Direct Method	1 kohm to 1 Mohm	0.013 % to 0.02 %
56	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Multi Product Calibrator by Direct Method	1 Mohm to 1100 Mohm	0.02 % to 1.8 %

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57	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Multi Product Calibrator by Direct Method	1 ohm to 1 kohm	1.8 % to 0.013 %
58	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Standard Megaohm Box by Direct Method	100 kohm to 1 Gohm	3.5 %
59	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi Product Calibrator by Direct Method	1 mV to 300 mV	0.35 % to 0.01 %
60	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi Product Calibrator by Direct Method	300 mV to 1000 V	0.01 % to 0.007 %
61	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	DC High Voltage	Using DC High Voltage with probe & DMM by Direct Method	1 kV to 30 kV	6.9 % to 3.6 %
62	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using 6½ DMM & Precision Temperature Scanner by Direct Method	(-) 200 °C to 800 °C	0.26 °C

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63	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple - N Type	Using 6½ DMM & Precision Temperature Scanner by Direct Method	(-) 200 °C to 1300 °C	0.47 °C
64	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple - J Type	Using 6½ DMM & Precision Temperature Scanner by Direct Method	(-) 200 °C to 1200 °C	0.47 °C
65	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple - K Type	Using 6½ DMM & Precision Temperature Scanner by Direct Method	(-) 200 °C to 1372 °C	0.47 °C
66	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple - R Type	Using 6½ DMM & Precision Temperature Scanner by Direct Method	0 °C to 1767 °C	0.73 °C
67	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple - S Type	Using 6½ DMM & Precision Temperature Scanner by Direct Method	0 °C to 1767 °C	0.48 °C
68	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple - T Type	Using 6½ DMM & Precision Temperature Scanner by Direct Method	(-) 250 °C to 400 °C	0.42 °C

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69	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD	Using Multi Product Calibrator by Direct Method	(-) 200 °C to 800 °C	0.30 °C
70	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple - J Type	Using Multi Product Calibrator by Direct Method	(-) 210 °C to 1200 °C	0.47 °C
71	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple - K Type	Using Multi Product Calibrator by Direct Method	(-) 200 °C to 1372 °C	0.47 °C
72	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple - N Type	Using Multi Product Calibrator by Direct Method	(-) 200 °C to 1300 °C	0.49 °C
73	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple - R Type	Using Multi Product Calibrator by Direct Method	0 °C to 1767 °C	0.73 °C
74	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple - S Type	Using Multi Product Calibrator by Direct Method	0 °C to 1767 °C	0.55 °C

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75	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple - T Type	Using Multi Product Calibrator by Direct Method	(-) 250 °C to 400 °C	0.73 °C
76	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6½ DMM by Direct Method	10 Hz to 1 MHz	0.1 % to 0.02 %
77	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Timer by Comparison Method	1 s to 1800 s	2.2 % to 1.3 %
78	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Timer by Comparison Method	1800 s to 18000 s	10 s
79	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Timer by Comparison Method	18000 s to 86400 s	15 s
80	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency @ 3 V	Using Multi Product Calibrator by Direct Method	10 Hz to 50 Hz	0.015 % to 0.005 %

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81	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency @ 3 V	Using Multi Product Calibrator by Direct Method	50 Hz to 1 MHz	0.005 %
82	FLUID FLOW-FLOW MEASURING DEVICES	Flow Meter/Rotameter/Dry Gas Meter (Air)	Using Laminar Gas Flow Calibrator by Comparison Method	0.5 lpm to 50 lpm	3 %
83	FLUID FLOW-FLOW MEASURING DEVICES	Flow Rate (Air) of High Volume Sampler/Respirable Dust Sampler/PM 10 Sampler	Using Orifice Transfer Standard (Top Loading Calibrator) by Comparison Method	0.67 m^3/minute to 1.4 m^3/minute	3.26 %
84	FLUID FLOW-FLOW MEASURING DEVICES	Liquid Flow Meter/Liquid Flow Element (Water)	Using Ultrasonic Flow Meter Calibrator by Comparison Method	180 m^3/hr to 300 m^3/hr	3.7 %
85	FLUID FLOW-FLOW MEASURING DEVICES	Liquid Flow Meter/Liquid Flow Element (Water)	Using Ultrasonic Flow Meter Calibrator by Comparison Method	2 m^3/hr to 180 m^3/hr	3.64 %
86	FLUID FLOW-FLOW MEASURING DEVICES	Rotameter/Analog/Digital Flow Meter (Air)	Using Laminar Gas Flow Calibrator by Comparison Method	1 CCM to 500 CCM	2.9 %
87	MECHANICAL-ACCELERATION AND SPEED	RPM Meter, Motor, Rotary Shaker, Mixer, Stirrer (Contact Type)	Using Digital Tachometer by Comparison Method	100 rpm to 1000 rpm	3.34 rpm

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88	MECHANICAL-ACCELERATION AND SPEED	RPM Meter, Motor, Rotary Shaker, Mixer, Stirrer (Contact Type)	Using Digital Tachometer by Comparison Method	1000 rpm to 6000 rpm	12.6 rpm
89	MECHANICAL-ACCELERATION AND SPEED	RPM Meter, Motor, Rotary Shaker, Mixer, Stirrer (Contact Type)	Using Digital Tachometer by Comparison Method	30 rpm to 100 rpm	1.68 rpm
90	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Non Contact Type)	Using Digital Tachometer & Tachometer Calibrator by Comparison Method	> 1000 rpm to 60000 rpm	1 %
91	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Non Contact Type)	Using Digital Tachometer & Tachometer Calibrator by Comparison Method	50 rpm to 1000 rpm	13.21 %
92	MECHANICAL-ACOUSTICS	Sound level Meter @ 1 kHz	Using Sound Calibrator by Direct Method	94 dB &114 dB	0.64 dB
93	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Coating Thickness Gauge L.C.: 0.01 µm & coarser	Using Standard Foil by Comparison Method	20 µm to 1000 µm	4.16 µm

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94	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cube Mould (Length)	Using Digital Vernier Caliper by Comparison Method	20 mm to 150 mm	50 µm
95	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer L.C.: 0.01 mm	Using Slip Gauge Set by Comparison Method	0 to 100 mm	9.32 µm
96	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Caliper L.C.: 0.02 mm	Using Slip Gauge Set & Caliper Checker by Comparison Method	0 to 300 mm	15 µm
97	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Snap Gauge L.C.: 0.001 mm	Using Slip Gauge Set by Comparison Method	0 to 200 mm	4.9 µm
98	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C.: 0.01 mm	Using Slip Gauge Block by Comparison Method	100 mm to 600 mm	7.9 µm

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99	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C.: 0.001 mm	Using Slip Gauge Block Set by Comparison Method	0 to 25 mm	1.5 µm
100	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C.: 0.001 mm	Using Slip Gauge Block by Comparison Method	0 to 150 mm	2.8 µm
101	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C.: 0.001 mm	Using Slip Gauge Block Set by Comparison Method	0 to 50 mm	2.5 µm
102	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge L.C.: 0.01 mm	Using Slip Gauge Set, Caliper Checker & Surface Plate by Comparison Method	0 to 450 mm	12 µm
103	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge L.C.: 0.01 mm	Using Slip Gauge Set, Caliper Checker & Surface Plate by Comparison Method	0 to 600 mm	15.22 µm

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104	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge LC: 0.01 mm	Using Slip Gauge Set, Caliper Checker, Surface by Comparison Method	0 to 300 mm	9 µm
105	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Micrometer L.C.: 0.001 mm	Using Slip Gauge set with Accessories & Caliper Checker by Comparison Method	50 mm to 1000 mm	16 µm
106	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Type Dial Gauge/Digimatic Indicator L.C.: 0.001 mm	Using Dial Calibration Tester, Electronic Probe & Slip Gauge Set by Comparison Method	0 to 10 mm	3.52 µm
107	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Type Dial Gauge/Digimatic Indicator L.C.: 0.010 mm	Using Dial Calibration Tester, Electronic Probe & Slip Gauge Set by Comparison Method	0 to 50 mm	5.8 µm
108	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Surface Plate (Flatness)	Using Digital Level Indicator (L.C.: 0.01 mm/m) by Comparison Method	2000 X 2000 mm	2.4 x sqrt (L+W)/150 µm, L & W in mm

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109	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper/ Dial/ Electronic Caliper L.C.: 0.01 mm	Using Slip Gauge Set & Caliper Checker by Comparison Method	0 to 1000 mm	17 µm
110	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper/Dial/Electronic Caliper L.C.: 0.01 mm	Using Slip Gauge Set & Caliper Checker by Comparison Method	0 to 200 mm	7 µm
111	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper/Dial/Electronic Caliper L.C.: 0.01 mm	Using Slip Gauge Set & Caliper Checker by Comparison Method	0 to 450 mm	10 µm
112	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper/Dial/Electronic Caliper L.C.: 0.01 mm	Using Slip Gauge Set & Caliper Checker by Comparison Method	0 to 600 mm	14 µm
113	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector (Angular) L.C.: 1 s	Using Angle Gauge Set by Comparison Method	0 ° to 360 °	4.5 s

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114	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector (Linear) L.C.: 0.001 mm	Using Glass Scale & Slip Gauge Set by Comparison Method	0 to 300 mm	10 µm
115	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector (Magnification)	Using Glass Scale, Slip Gauge Set & Digital Caliper by Comparison Method	10 X to 100 X	2 %
116	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Travelling Microscope L.C.: 0.010 mm	Using Glass Scale & Slip Gauge Set by Comparison Method	Up to 180 mm	11.07 µm
117	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure Transmitter (Digital/Analog) (Hydraulic)	Using Digital Pressure Gauge, Multimeter & Comparator Pump by Comparison Method as per DKD-R 6-1	0 to 30 bar	0.4 bar
118	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure Transmitter (Digital/Analog) (Hydraulic)	Using Digital Pressure Gauge, Multimeter & Comparator Pump by Comparison Method as per DKD-R 6-1	0 to 700 bar	1.01 bar
119	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge/Magnehelic Gauge	Using Pressure Calibrator & handheld Pump by Comparison Method	0 to 1000 mbar	1.38 mbar

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120	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Scale & Weighing Balance Readability: 0.01 mg & coarser (Class I and coarser)	Using E1 class standard weights by Comparison Method as per OIML R 76-I	0 to 92 g	0.3 mg
121	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Scale & Weighing Balance Readability: 0.1 mg & coarser (Class I and coarser)	Using E1 class standard weights by Comparison Method as per OIML R 76-I	0 to 220 g	0.9 mg
122	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Scale & Weighing Balance Readability: 1 mg & coarser (Class II and coarser)	Using E2 class standard weights by Comparison Method as per OIML R 76-I	0 to 3 kg	10 mg
123	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity Indicator with sensor of Humidity Chamber/ Environmental Chamber/ Humidity Generator @ 25 °C (Single position)	Using Precision Standard Hygrometer by Comparison Method	12 %rh to 95 %rh	1.6 %rh
124	THERMAL-SPECIFIC HEAT & HUMIDITY	Temperature Indicator with sensor of Humidity Chamber/ Environmental Chamber/ Humidity Generator @ 50 %rh (Single position)	Using Precision Standard Hygrometer by Comparison Method	10 °C to 50 °C	0.9 °C

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125	THERMAL-TEMPERATURE	Freezer, Cold Chamber, Oven, Environment Chamber, Industrial Furnace - Multi Position (Minimum 9 sensors)	Using Multi Channel Data Logger & RTD with Indicator by Comparison Method	(-) 15 °C to 100 °C	4.5 °C
126	THERMAL-TEMPERATURE	Liquid in Glass Thermometer	Using SPRT with Precision Temperature Scanner, Oil Temperature Bath by Comparison Method	50 °C to 250 °C	0.6 °C
127	THERMAL-TEMPERATURE	Oven, Environment Chamber, Industrial Furnace - Multi Position (Minimum 9 Sensors)	Using Multi Channel Data Logger & N type Thermocouple by Comparison Method	> 100 °C to 600 °C	4.9 °C
128	THERMAL-TEMPERATURE	Oven, Environment Chamber, Industrial Furnace - Multi Position (Minimum 9 sensors)	Using Multi Channel Data Logger & N type Thermocouple by Comparison Method	> 600 °C to 1200 °C	7 °C

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129	THERMAL-TEMPERATURE	RTD with or without Indicator, Thermocouple with or without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter with Indicator	Using SPRT & High Precision Temperature Scanner & Temperature Bath by Comparison Method	(-) 15 °C to 250 °C	0.6 °C
130	THERMAL-TEMPERATURE	RTD with or without Indicator, Thermocouple with or without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter with Indicator	Using SPRT, High Precision Temperature Scanner & Dry Block Furnace by Comparison Method	> 250 °C to 600 °C	1.74 °C
131	THERMAL-TEMPERATURE	Temperature Indicator with sensor of Dry Block Calibrator/Furnace (For Non Medical purpose only) - Single Position	Using S type Thermocouple, High Precision Temperature Scanner & Temperature bath by Comparison Method	> 660 °C to 1200 °C	1.9 °C

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132	THERMAL-TEMPERATURE	Temperature Indicator with sensor of Liquid Bath/Dry Block Calibrators/Furnace/ Chamber/Oven/ Freezer/Incubator - Single Position	Using SPRT with Precision Temperature Scanner by Comparison Method	(-) 80 °C to 660 °C	0.6 °C
133	THERMAL-TEMPERATURE	Thermocouple with or without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter, Temperature Switch	Using S type Thermocouple with Precision Temperature Scanner, 6½ DMM & Dry Block Furnace by Comparison Method	> 600 °C to 1200 °C	2.17 °C

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