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Permanent Facility					
1	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Energy (Single Phase) Cos phi Lead/Lag (0.01 - 1), (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	20 mWh to 9.6 kWh	2.07 % to 0.052 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Energy (Three Phase) Cos phi Lead/Lag (0.01 - 1), (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	60 mWh to 28.8 kWh	2.01 % to 0.021 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Power (Single Phase) Cos phi Lead/Lag (0.01 - 1), (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	20 mW to 9.6 kW	0.067 % to 2.35 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Power (Single Phase) Cos phi Lead/Lag (0.01 - 1), (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Direct Method	20 mW to 9.6 kW	2.35 % to 0.067 %

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5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Power (Three Phase) Cos phi Lead/Lag 0.01 - 1, (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Direct Method	60 mW to 28.8 kW	2.25 % to 0.067 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Power (Three Phase) Cos phi Lead/Lag 0.01 - 1, (40 V - 320 V, 50 mA - 30 A) @ 40 Hz-65 Hz	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	60 mW to 28.8 kW	2.35 % to 0.067 %
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 1 kHz - 5 kHz	Using 8½ Digit Multimeter By Direct Method	10 mA to 100 mA	0.058 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 1 kHz - 5 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 mA to 100 mA	0.059 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 1 kHz - 5 kHz	Using 8½ Digit Multimeter By Direct Method	100 mA to 1 A	0.058 % to 0.14 %

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10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 1 kHz - 5 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator as Source By Comparison Method	100 mA to 1 A	0.059 % to 0.142 %
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 20 Hz - 45 Hz	Using 8½ Digit Multimeter By Direct Method	10 mA to 100 mA	0.2 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 20 Hz - 45 Hz	Using 8½ Digit Multimeter with Multiproduct Calibrator as Source By Comparison Method	10 mA to 100 mA	0.2 %
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 20 Hz - 45 Hz	Using 8½ Digit Multimeter By Direct Method	100 mA to 1 A	0.2 % to 0.21 %
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 20 Hz - 45 Hz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 mA to 1 A	0.2 % to 0.21 %

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15	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz - 1 kHz	Using 6½ Digit Multimeter By Direct Method	1 A to 10 A	0.113 % to 0.166 %
16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz - 1 kHz	Using 6½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	1 A to 10 A	0.117 % to 0.21 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz - 1 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	1 mA to 100 mA	0.094 %
18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz - 1 kHz	Using 8½ Digit Multimeter By Direct Method	1 mA to 100 mA	0.094 %
19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz - 1 kHz	Using 8½ Digit Multimeter By Direct Method	100 µA to 1 mA	0.094 %

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20	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz - 1 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 µA to 1 mA	0.094 %
21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz - 1 kHz	Using 8½ Digit Multimeter By Direct Method	100 mA to 1 A	0.094 % to 0.14 %
22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz - 1 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 mA to 1 A	0.094 % to 0.14 %
23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using Standard Flexible AC Current Probe With Digital Multimeter by Direct Method	100 A to 2500 A	4.69 % to 3.77 % %
24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using High Current Source & Standard Flexible AC Current Probe With Digital Multimeter By Comparison Method	100 A to 2500 A	4.69 % to 3.77 % %

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25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using High Precision Current Transducer & 8½ Digit Multimeter by Direct Method	20 A to 100 A	0.25 % to 0.19 %
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using High Precision Current Transducer & 8½ Digit Multimeter by Comparison Method	20 A to 100 A	0.67 % to 0.19 %
27	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using Current Shunt with Digital Multimeter By Direct Method	30 A to 100 A	1.56 % to 0.61 %
28	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using Standard Current Source and Current Shunt with Digital Multimeter By Comparison Method	30 A to 100 A	1.56 % to 0.61 %
29	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz / 60 Hz	Using Precision Power Meter By Direct Method	1 A to 30 A	0.022 % to 0.02 %

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30	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz / 60 Hz	Using high Precision Power Meter with Multiproduct Calibrator as Source By Comparison Method	1 A to 30 A	0.032 % to 0.02 %
31	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 50 Hz	Using Current Transducer & Digital Multimeter by Direct Method	100 A to 1000 A	0.19 % to 0.14 %
32	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 50 Hz	Using Standard Current Source and Current Transducer with Digital Multimeter By Comparison Method	100 A to 1000 A	0.19 % to 0.14 %
33	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 50 Hz	Using Current Shunt with Digital Multimeter By Direct Method	100 A to 1000 A	0.61 % to 1.4 %
34	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 50 Hz	Using Standard Current Source and Current Shunt with Digital Multimeter By Comparison Method	100 A to 1000 A	0.61 % to 1.4 %

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35	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @ 50 Hz.	Using HV Probe with Digital Multimeter by Direct Method	1 kV to 5 kV	1 %
36	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @ 50 Hz	Using HV Probe with Digital Multimeter / Digital storage oscilloscope by Direct Method	5 kV to 28 kV	2.65 %
37	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @ 50Hz	Using HV Kit & HV Probe with Multimeter by Comparison Method	1 kV to 5 kV	1 %
38	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @ 50Hz	Using HV Kit & HV Probe with Multimeter by Comparison Method	5 kV to 28 kV	2.65 %
39	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Power (Single Phase) Sin phi Lead/Lag (0.01 - 1), (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Direct Method	20 mVAR to 9.6 kVAR	0.059 % to 1.22 %

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40	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Power (Single Phase) Sin phi Lead/Lag 0.01 - 1, (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	20 mVAR to 9.6 kVAR	0.018 %
41	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Power (Three Phase) Sin phi Lead/Lag 0.01 - 1, (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Direct Method	60 mVAR to 28.8 kVAR	0.22 % to 0.058 %
42	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Power (Three Phase) Sin phi Lead/Lag 0.01 - 1, (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	60 mVAR to 28.8 kVAR	2.25 % to 0.067 %
43	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 40 Hz – 1 kHz	Using 8½ Digit Multimeter By Direct Method	10 V to 30 V	0.0114 % to 0.027 %
44	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 40Hz –1 kHz	Using 8½ Digit Multimeter By Direct Method	10 mV to 100 mV	0.045 % to 0.013 %

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45	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 40Hz –1 kHz	Using 8½ Digit Multimeter By Direct Method	100 mV to 10 V	0.013 % to 0.0114 %
46	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 1 kHz - 20 kHz	Using 8½ Digit Multimeter By Direct Method	10 mV to 100 mV	0.052 % to 0.02 %
47	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 1 kHz - 20 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 mV to 100 mV	0.052 % to 0.02 %
48	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 1 kHz - 20 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 V to 300 V	0.021 % to 0.078 %
49	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 1 kHz - 20 kHz	Using 8½ Digit Multimeter By Direct Method	10 V to 700 V	0.02 % to 0.073 %

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50	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 1 kHz - 20 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 mV to 10 V	0.02 % to 0.021 %
51	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 1 kHz - 20 kHz	Using 8½ Digit Multimeter By Direct Method	100 mV to 10 V	0.020 %
52	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 100 kHz - 300 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator as Source By Comparison Method	10 mV to 1 V	4.64 % to 0.47 %
53	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 100 kHz - 300 kHz	Using 8½ Digit Multimeter By Direct Method	100 mV to 10 V	0.36 %
54	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 20 kHz - 100 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 mV to 100 mV	0.59 % to 0.096 %

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55	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 20 kHz - 100 kHz	Using 8½ Digit Multimeter By Direct Method	10 mV to 100 mV	0.59 % to 0.098 %
56	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 20 kHz - 100 kHz	Using 8½ Digit Multimeter By Direct Method	10 V to 100 V	0.096 % to 0.141 %
57	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 20 kHz - 100 kHz	Using 8½ Digit Multimeter By Direct Method	100 mV to 10 V	0.096 %
58	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 20 kHz - 100 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 mV to 10 V	0.096 %
59	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 20 kHz -100 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 V to 100 V	0.096 % to 0.142 %

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60	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 300 kHz - 500 kHz	Using 8½ Digit Multimeter By Direct Method	1 V to 10 V	0.12 % to 1.17 %
61	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 40 Hz - 1 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 mV to 100 mV	0.045 % to 0.0134 %
62	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 40 Hz - 1 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 V to 30 V	0.013 % to 0.027 %
63	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 40 Hz - 1 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 mV to 10 V	0.0134 % to 0.013 %
64	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 40 Hz - 65 Hz	Using 3 Phase Reference Standard with Source by Comparison Method	40 V to 480 V	0.008 %

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65	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz - 1 kHz	Using 8½ Digit Multimeter By Direct Method	100 V to 700 V	0.027 % to 0.05 %
66	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz - 1 kHz	Using 6½ Digit Multimeter By Direct Method	700 V to 1000 V	0.072 % to 0.076 %
67	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz – 1 kHz	Using 8½ Digit Multimeter By Direct Method	30 V to 100 V	0.027 % to 0.026 %
68	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz –1 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 V to 700 V	0.0272 % to 0.0502 %
69	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz –1 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	30 V to 100 V	0.0272 %

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70	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using LCR Meter By Direct Method	100 pF to 100 µF	0.14 %
71	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Current Harmonics @ (50 mA to 30 A, 50 Hz to 60 Hz)	Using 3 Phase Reference Standard with Source by Comparison Method	2nd Order to 40th Order	0.6 % to 0.87
72	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Frequency	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	40 Hz to 65 Hz	0.034 %
73	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Inductance @ 1 kHz	Using LCR Meter By Direct Method	1 mH to 10 H	0.2 %
74	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Phase Angle @ 50 Hz	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	(-) 180 ° to 180 °	0.008 °

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75	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Power Factor @ 50 Hz (Single & Three Phase)	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	(-)1 PF to 1 PF	0.01 PF
76	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Power Factor @ 50 Hz (Single & Three Phase)	Using 3 Phase Reference Measurement Standard with Source by Direct Method	(-)1 PF to 1 PF	0.01 PF
77	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Voltage Harmonics @ (40 V to 320 V, 50 Hz to 60 Hz)	Using 3 Phase Reference Standard with Source by Comparison Method	2nd Order to 40th Order	0.76 % to 0.61
78	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Active Power (Single Phase) @ 50 Hz, 120 V to 240 V, 0.01 A to 20 A, UPF	Using Multiproduct Calibrator By Direct Method	1.2 W to 4.8 kW	0.080 % to 0.113 %
79	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Active Power (Single Phase) @ 50 Hz (120 V - 240 V, 0.1 A - 20 A) @ 0.2 PF Lead/Lag	Using Multiproduct Calibrator By Direct Method	2.4 W to 960 W	0.35 % to 0.064 %

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80	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 1 kHz to 5 kHz	Using Multiproduct Calibrator By Direct Method	3 A to 20 A	0.5 % to 2.36 %
81	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 1 kHz to 5 kHz	Using Multiproduct Calibrator By Direct Method	300 mA to 3 A	0.094 % to 0.492 %
82	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 10 Hz to 45 Hz	Using Multiproduct Calibrator By Direct Method	300 mA to 3 A	0.15 % to 0.144 %
83	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45 Hz to 1 kHz	Using Multiproduct Calibrator By Direct Method	10 A to 20 A	0.1 % to 0.14 %
84	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45 Hz to 1 kHz	Using Multiproduct Calibrator By Direct Method	3 A to 10 A	0.144 % to 0.1 %
85	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45 Hz to 1 kHz	Using Multiproduct Calibrator By Direct Method	30 µA to 30 mA	0.38 % to 0.079 %

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86	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45 Hz to 1 kHz	Using Multiproduct Calibrator By Direct Method	30 mA to 3 A	0.079 % to 0.144 %
87	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 5 kHz to 10 kHz	Using Multiproduct Calibrator By Direct Method	33 mA to 330 mA	0.42 % to 3.24 %
88	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 5 kHz to 10 kHz	Using Multiproduct Calibrator By Direct Method	330 mA to 2.99 A	3.24 % to 2.071 %
89	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Multiproduct Calibrator with Current Coil by Direct Method	20 A to 1000 A	1.06 % to 0.67 %
90	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Current Calibrator By Direct Method	20 A to 50 A	0.38 % to 0.33 %
91	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @10 Hz to 45 Hz	Using Multiproduct Calibrator By Direct Method	3 mA to 300 mA	0.16 % to 0.15 %

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92	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @10 Hz to 45 Hz	Using Multiproduct Calibrator By Direct Method	30 µA to 3 mA	0.42 % to 0.16 %
93	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz to 8 kHz	Using Multiproduct Calibrator as Source By Direct Method	1 mV to 30 mV	0.48 % to 0.033 %
94	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz to 8 kHz	Using Multiproduct Calibrator By Direct Method	3 V to 300 V	0.014 % to 0.022 %
95	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz to 8 kHz	Using Multiproduct Calibrator By Direct Method	30 mV to 300 mV	0.033 % to 0.014 %
96	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz to 8 kHz	Using Multiproduct Calibrator By Direct Method	300 mV to 3 V	0.014 %
97	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz to 8 kHz	Using Multiproduct Calibrator By Direct Method	300 V to 1000 V	0.022 % to 0.027 %

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98	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 10 Hz to 1 kHz	Using Multiproduct Calibrator as Source By Direct Method	1 mV to 30 mV	0.8 % to 0.09 %
99	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 10 Hz to 1 kHz	Using Multiproduct Calibrator as Source By Direct Method	3 V to 30 V	0.03 % to 0.034 %
100	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 10 Hz to 1 kHz	Using Multiproduct Calibrator By Direct Method	30 mV to 300 mV	0.09 % to 0.036 %
101	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 10 Hz to 1 kHz	Using Multiproduct Calibrator By Direct Method	300 mV to 3 V	0.036 % to 0.03 %
102	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 100 kHz to 450 kHz	Using Multiproduct Calibrator By Direct Method	30 mV to 3 V	0.76 % to 0.21 %
103	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 18 kHz to 100 kHz	Using Multiproduct Calibrator By Direct Method	30 mV to 100 V	0.036 % to 0.2 %

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104	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 45 Hz to 1 kHz	Using Multiproduct Calibrator By Direct Method	33 V to 330 V	0.03 %
105	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 45 Hz to 1 kHz	Using Multiproduct Calibrator By Direct Method	330 V to 1000 V	0.03 % to 0.028 %
106	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 8 kHz to 18 kHz	Using Multiproduct Calibrator By Direct Method	1 mV to 300 mV	0.482 % to 0.036 %
107	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 8 kHz to 18 kHz	Using Multiproduct Calibrator By Direct Method	30 V to 300 V	0.021 % to 0.022 %
108	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 8 kHz to 18 kHz	Using Multiproduct Calibrator By Direct Method	300 mV to 30 V	0.015 % to 0.021 %
109	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @ 1 kHz	Using Multiproduct Calibrator as Source By Direct Method	220 pF to 110 nF	3.92 % to 0.3 %

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110	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @ 100 Hz	Using Multiproduct Calibrator as Source By Direct Method	110 nF to 110 µF	0.3 % to 0.44 %
111	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Decade Inductance Box By Direct Method	1 mH to 10 H	2.34 %
112	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Power Factor @ 230 V, 5 A, 50 Hz (Single Phase)	Using Multiproduct Calibrator By Direct Method	1 PF to 0.2 PF (Lead/Lag)	0.0003 PF to 0.002 PF
113	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	0.1 µA to 1 µA	0.78 % to 0.0071 %
114	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter By Direct Method	1 µA to 10 µA	0.0071 % to 0.0074 %
115	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	1 µA to 10 µA	0.0192 % to 0.0174 %

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116	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter By Direct Method	1 A to 10 A	0.014 % to 0.12 %
117	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 3 Phase Measurement with Source by Comparison Method	1 A to 10 A	0.13 % to 0.17 %
118	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Precision Power Meter and Multiproduct Calibrator By Comparision Method	1 A to 30 A	0.14 % to 0.12
119	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Precision Power Meter By Direct Method	1 A to 30 A	0.14 % to 0.12 %
120	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter By Direct Method	1 mA to 10 mA	0.0033 %
121	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	1 mA to 10 mA	0.0036 %

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122	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 µA to 100 µA	0.0174 % to 0.0053 %
123	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter By Direct Method	10 µA to 100 µA	0.0046 % to 0.0045 %
124	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Current Shunt with DMM by Direct Method	10 A to 100 A	0.26 % to 0.38 %
125	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Current Shunt with DMM by Comparison Method	10 A to 100 A	0.26 % to 0.49 %
126	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter By Direct Method	10 mA to 100 mA	0.0033 % to 0.0049 %
127	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 mA to 100 mA	0.0033 % to 0.005 %

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128	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter By Direct Method	100 µA to 1 mA	0.0045 % to 0.0033 %
129	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 µA to 1 mA	0.0053 % to 0.0033 %
130	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Current Transducer, Digital Multimeter and Multiproduct Calibrator by Comparison Method	100 A to 850 A	0.096 % to 0.052 %
131	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Current Transducer & Digital Multimeter by Direct Method	100 A to 850 A	0.182 % to 0.052 %
132	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter By Direct Method	100 mA to 1 A	0.0049 % to 0.014 %

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133	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 mA to 1 A	0.005 % to 0.014 %
134	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 3 Phase Measurement Standard with Source by Comparison Method	100 mA to 1 A	0.35 % to 0.13 %
135	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter By Direct Method	100 nA to 1 µA	0.052 % to 0.0072 %
136	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Current Transducer, Digital Multimeter and Multiproduct Calibrator by Comparison Method	20 A to 100 A	0.49 % to 0.096 %
137	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using High Precision Current Transducer & 8½ Digit Multimeter by Direct Method	20 A to 100 A	0.49 % to 0.096 %

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138	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Probe with Digital Multimeter by Direct Method	1 kV to 6 kV	1.31 % to 1.17
139	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Kit & HV Probe with Multimeter by Comparison Method	1 kV to 6 kV	1.31 % to 1.17 %
140	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Probe with Digital Multimeter by Direct Method	5 kV to 40 kV	2.29 % to 2.003
141	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Kit & HV Probe with Multimeter by Comparison Method	5 kV to 40 kV	2.29 % to 2.003 %
142	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Power (10 V to 500 V, 0.1 A to 20 A)	Using 3 Phase Reference Standard with Source by Comparison Method	1 W to 10 kW	0.92 % to 0.16 %
143	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Power (10 V to 500 V, 0.1 A to 20 A)	Using 3 Phase Reference Standard with Source by Direct Method	1 W to 10 kW	0.92 % to 0.16 %

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144	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Power (500 V to 1000 V) (20 A to 30 A)	Using 3 Phase Reference Standard with Source by Direct Method	10 kW to 30 kW	0.08 % to 0.35 %
145	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Power (500 V to 1000 V) (20 A to 30 A)	Using 3 Phase Reference Standard with Source by Comparison Method	10 kW to 30 kW	0.16 % to 0.35 %
146	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Power (500 V to 1000 V) (20 A to 30 A)	Using 3 Phase Reference Standard with Source by Direct Method	10 W to 30 kW	0.16 % to 0.35 %
147	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter By Direct Method	0.1 mV to 1 mV	1.4 % to 0.13 %
148	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	0.1 mV to 1 mV	1.4 % to 0.13 %
149	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter By Direct Method	1 mV to 100 mV	0.13 % to 0.0022 %

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150	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	1 mV to 100 mV	0.13 % to 0.0022 %
151	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter By Direct Method	1 V to 100 V	0.0011 % to 0.0012 %
152	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	1 V to 100 V	0.0011 % to 0.0012 %
153	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter By Direct Method	100 mV to 1 V	0.0022 % to 0.0011 %
154	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 mV to 1 V	0.0022 % to 0.0011 %
155	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter By Direct Method	100 V to 1000 V	0.0012 %

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156	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 V to 1000 V	0.00124 % to 0.00121 %
157	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 3 Phase Reference Standard with Source by Comparison Method	40 V to 480 V	0.02 % to 0.13
158	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (2 wire)	Using 8½ Digit Multimeter By Direct Method	10 Mohm to 100 Mohm	0.0072 % to 0.0138 %
159	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (2 Wire)	Using 8½ Digit Multimeter By Direct Method	100 kOhm to 10 Mohm	0.0014 % to 0.0072 %
160	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (2 Wire)	Using 8½ Digit Multimeter By Direct Method	100 Mohm to 1 Gohm	0.0138 % to 0.58 %
161	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (4 wire)	Using Milli Ohm Meter By Direct Method	0.001 Ohm to 1 Ohm	1.28 % to 0.62 %

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162	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (4 wire)	Using 8½ Digit Multimeter By Direct Method	1 Ohm to 100 Ohm	0.0078 % to 0.0021 %
163	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (4 Wire)	Using Multiproduct Calibrator, Current Source & 8½ Digit Multimeter by V/I Method	50 µOhm to 150 mOhm	1.16 % to 0.036 %
164	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (4wire)	Using 8½ Digit Multimeter By Direct Method	100 Ohm to 100 kOhm	0.0021 % to 0.0014 %
165	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance(4Wire)	Using Multiproduct Calibrator, Current Source & 8½ Digit Multimeter by V/I Method	150 mOhm to 10 Ohm	0.031 % to 0.033 %
166	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multiproduct Calibrator By Direct Method	1 A to 10 A	0.019 % to 0.043 %
167	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multiproduct Calibrator By Direct Method	1 mA to 100 mA	0.012 % to 0.010 %

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168	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multiproduct Calibrator By Direct Method	10 µA to 1 mA	0.17 % to 0.012 %
169	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multiproduct Calibrator By Direct Method	10 A to 20 A	0.043 % to 0.081 %
170	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multiproduct Calibrator By Direct Method	100 mA to 1 A	0.010 % to 0.019 %
171	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multiproduct Calibrator By Direct Method Using Current Coil	20 A to 1000 A	0.081 % to 0.64 %
172	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Current Calibrator By Direct Method	20 A to 80 A	0.474 % to 0.34 %
173	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Power (1 V to 1000 V, 0.1 A to 20 A)	Using Multiproduct Calibrator By Direct Method	0.1 W to 20 kW	0.113 % to 0.062 %

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174	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 Wire)	Using Fixed Resistors By Direct Method	1 mohm	0.66 %
175	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 Wire)	Using Fixed Resistors By Direct Method	10 mohm	0.66 %
176	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 Wire)	Using Fixed Resistors By Direct Method	100 mohm	0.66 %
177	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 Wire)	Using Fixed Resistors By Direct Method	150 mohm	0.66 %
178	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 Wire)	Using Fixed Resistors By Direct Method	5 mohm	0.66 %
179	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multiproduct Calibrator By Direct Method	0.1 mV to 1 mV	0.86 % to 0.087 %

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180	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multiproduct Calibrator By Direct Method	1 mV to 100 mV	0.087 % to 0.003 %
181	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multiproduct Calibrator By Direct Method	100 mV to 100 V	0.0032 %
182	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multiproduct Calibrator By Direct Method	100 V to 1000 V	0.003 % to 0.002 %
183	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance (2 Wire)	Using Decade Megohm Box By Direct Method	100 kohm to 10 Gohm	2.314 % to 2.6 %
184	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance (2 Wire) @ 1 kV	Using Decade Megohm box By Direct Method	10 Gohm to 1 Tohm	2.62 % to 2.69 %
185	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Decade Resistance Box By Direct Method	0.001 Ohm to 1 Ohm	0.52 % to 0.62 %

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186	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Multiproduct Calibrator By Direct Method	1 MOhm to 10 MOhm	0.003 % to 0.010 %
187	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Multiproduct Calibrator By Direct Method	10 MOhm to 100 MOhm	0.010 % to 0.041 %
188	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Multiproduct Calibrator By Direct Method	100 kOhm to 1 MOhm	0.002 % to 0.003 %
189	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Multiproduct Calibrator By Direct Method	100 MOhm to 1000 MOhm	0.041 % to 1.170 %
190	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Multiproduct Calibrator By Direct Method	1 Ohm to 10 Ohm	0.0062 % to 0.004 %
191	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Multiproduct Calibrator By Direct Method	10 Ohm to 100 Ohm	0.004 % to 0.003 %

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192	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Standard Shunt by Direct Method	100 µOhm	0.22 %
193	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Multiproduct Calibrator By Direct Method	100 Ohm to 100 kOhm	0.003 % to 0.0024 %
194	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Standard Shunt by Direct Method	50 µOhm	0.30 %
195	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Standard Shunt by Direct Method	500 µOhm	0.10 %
196	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Standard Shunt by Direct Method	75 µOhm	0.21 %
197	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Standard Shunt by Direct Method	750 µOhm	0.10 %

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198	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	CT & PT Burden Box	Using Precision Power Meter & Digit Multimeter By Direct Method	1 VA to 250 VA	2.91 % to 0.45 %
199	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Oscilloscope (Voltage, Amplitude) @ 50 Ohm	Using Multiproduct Calibrator By Direct Method	1 mV to 5 V	0.66 % to 0.045 %
200	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope (Time Marker)	Using Multiproduct Calibrator By Direct Method	2 ns to 5 s	0.058 % to 0.58 %
201	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope (Voltage, Amplitude) @ 1 Mohm	Using Multiproduct Calibrator By Direct Method	1 mV to 130 Vp-p	0.65 % to 0.054 %
202	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope (Voltage, Amplitude) @ 1 Mohm	Using Multiproduct Calibrator By Direct Method	1 mV to 130 V (DC Signal)	0.63 % to 0.095 %
203	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope (Voltage, Amplitude) @ 50 Ohm	Using Multiproduct Calibrator By Direct Method	1 mV to 5 Vp-p	0.67 % to 0.068 %

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204	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope (Bandwidth) (Amplitude - upto 1.3 V)	Using Multiproduct Calibrator By Direct Method	50 kHz to 1.1 GHz	2.97 % to 6.33 %
205	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'B' Type Thermocouple	Using Thermometer Readout By Direct Method	200 °C to 400 °C	0.16 °C
206	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'B' Type Thermocouple	Using Thermometer Readout By Direct Method	400 °C to 1820 °C	0.05 °C
207	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'E' Type Thermocouple	Using Thermometer Readout By Direct Method	(-)250 °C to 1372 °C	0.05 °C
208	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'J' Type Thermocouple	Using Thermometer Readout By Direct Method	(-)250 °C to 1372 °C	0.04 °C
209	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'K' Type Thermocouple	Using Thermometer Readout By Direct Method	(-)250 °C to 1372 °C	0.04 °C

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210	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'N' Type Thermocouple	Using Thermometer Readout By Direct Method	(-)250 °C to 1372 °C	0.04 °C
211	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'R' Type Thermocouple	Using Thermometer Readout By Direct Method	(-)50 °C to 10 °C	0.2 °C
212	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'R' Type Thermocouple	Using Thermometer Readout By Direct Method	10 °C to 250 °C	0.04 °C
213	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'R' Type Thermocouple	Using Thermometer Readout By Direct Method	250 °C to 1760 °C	0.04 °C
214	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'S' Type Thermocouple	Using Thermometer Readout By Direct Method	(-)50 °C to 10 °C	0.2 °C
215	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'S' Type Thermocouple	Using Thermometer Readout By Direct Method	10 °C to 1760 °C	0.04 °C

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216	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'T' Type Thermocouple	Using Thermometer Readout By Direct Method	10 °C to 400 °C	0.045 °C
217	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD (Pt 100)	Using Thermometer Readout By Direct Method	(-)200 °C to 100 °C	0.13 °C
218	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD (Pt 100)	Using Thermometer Readout By Direct Method	100 °C to 300 °C	0.17 °C
219	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD (Pt 100)	Using Thermometer Readout By Direct Method	300 °C to 600 °C	0.27 °C
220	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	'N' Type Thermocouple	Using Multiproduct Calibrator By Direct Method	(-)200 °C to 1300 °C	0.31 °C
221	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	'B' Type Thermocouple	Using Multiproduct Calibrator By Direct Method	600 °C to 1800 °C	0.35 °C

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222	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	'E' Type Thermocouple	Using Multiproduct Calibrator By Direct Method	(-)200 °C to 1000 °C	0.39 °C
223	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	'J' Type Thermocouple	Using Multiproduct Calibrator By Direct Method	(-)200 °C to 1200 °C	0.21 °C
224	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	'K' Type Thermocouple	Using Multiproduct Calibrator By Direct Method	(-)200 °C to 1350 °C	0.31 °C
225	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	'R' Type Thermocouple	Using Multiproduct Calibrator By Direct Method	10 °C to 1750 °C	0.44 °C
226	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	'S' Type Thermocouple	Using Multiproduct Calibrator By Direct Method	10 °C to 1750 °C	0.44 °C
227	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	'T' Type Thermocouple	Using Multiproduct Calibrator By Direct Method	(-)200 °C to 400 °C	0.5 °C

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228	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD (Pt 100)	Using Multiproduct Calibrator By Direct Method	(-)200 °C to 800 °C	0.18 °C
229	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using Frequency Counter by Direct Method	10 Hz to 500 MHz	0.0145 % to 0.000202 %
230	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using Frequency Counter by Direct Method	500 MHz to 20 GHz	0.00002 % to 0.00017 %
231	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Programmable Timer by Direct Method	1 s to 10000 s	5.83 % to 0.104 %
232	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Programmable Timer / Stop Watch by Comparison Method	10 s to 86400 s	0.59 % to 0.16 %
233	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multiproduct Calibrator by Direct Method	10 Hz to 2 MHz	0.00026 % to 0.00021 %

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234	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Signal Generator by Direct Method	5 kHz to 6 GHz	0.00029 % to 0.00028
235	MECHANICAL-ACCELERATION AND SPEED	Tachometer - Contact Type	Digital Tachometer and RPM Source by Comparison Method	12 rpm to 50 rpm	4.6 %
236	MECHANICAL-ACCELERATION AND SPEED	Tachometer - Contact Type	Digital Tachometer and RPM Source by Comparison method	2001 rpm to 5000 rpm	0.15 %
237	MECHANICAL-ACCELERATION AND SPEED	Tachometer - Contact Type	Digital Tachometer and RPM Source by Comparison Method	51 rpm to 100 rpm	2.45 %
238	MECHANICAL-ACCELERATION AND SPEED	Tachometer - Non Contact Type	Digital Tachometer and RPM Source by Comparison Method	101 rpm to 5000 rpm	0.56 %
239	MECHANICAL-ACCELERATION AND SPEED	Tachometer - Non Contact Type	Digital Tachometer and RPM Source by Comparison Method	12 rpm to 50 rpm	4.57 %
240	MECHANICAL-ACCELERATION AND SPEED	Tachometer - Non Contact Type	Digital Tachometer and RPM Source by Comparison Method	5000 rpm to 80000 rpm	0.08 %
241	MECHANICAL-ACCELERATION AND SPEED	Tachometer - Non Contact Type	Digital Tachometer and RPM Source by Comparison Method	51 rpm to 100 rpm	1.1 %
242	MECHANICAL-ACCELERATION AND SPEED	Tachometer - Contact Type	Digital Tachometer and RPM Source by Comparison Method	101 rpm to 2000 rpm	0.55 %

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243	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter - Velocity (RMS) (Frequency range @ 160 Hz)	Using Digital Vibration Tester with Transducer by Comparison method as per BS ISO 16063 -21:2003+A1:2016	10 mm/s	6.5 %
244	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter - Velocity (RMS) (Frequency range @ 160 Hz)	Using Digital Vibration Tester with Transducer by Comparison Method as per BS ISO 16063 -21:2003 +A1:2016	2 mm/s	6.5 %
245	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter - Velocity (RMS) (Frequency range @ 40 Hz)	Using Digital Vibration Tester with Transducer by Comparison Method as per BS ISO 16063 -21:2003 +A1:2016	5.0 mm/s	4.8 %
246	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter - Velocity (RMS) (Frequency range @ 40 Hz)	Using Digital Vibration Tester with Transducer by Comparison Method as per BS ISO 16063 -21:2003 +A1:2016	82.0 mm/s	4.5 %
247	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter - Velocity (RMS) (Frequency Range @ 80 Hz)	Using Digital Vibration Tester with Transducer by Comparison Method As Per BS ISO 16063 -21:2003 +A1:2016	25 mm/s	4.5 %

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248	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter - Velocity (RMS) (Frequency range @ 80 Hz)	Using Digital Vibration Tester with Transducer by Comparison Method as per BS ISO 16063 -21:2003 +A1:2016	5.0 mm/s	4.4 %
249	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter, 20 m/s2 - Acceleration (RMS) (Frequency range @ 160 Hz)	Using Digital Vibration Tester with Transducer by Comparison Method as per BS ISO 16063 -21:2003 +A1:2016	10 m/s^2	6 %
250	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter-Acceleration (RMS) (Frequency range @ 160 Hz)	Using Digital Vibration Tester with Transducer by Comparison Method as per BS ISO 16063 -21:2003 +A1:2016	2 m/s^2	6.5 %
251	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter-Acceleration (RMS) (Frequency Range @ 40 Hz)	Using Digital Vibration Tester with Transducer by Comparison Method As Per BS ISO 16063 -21:2003 +A1:2016	2 m/s^2	7 %
252	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter-Acceleration (RMS) (Frequency range @ 40 Hz)	Using Digital Vibration Tester with Transducer by Comparison method as per BS ISO 16063 -21:2003 +A1:2016	20 m/s^2	6 %

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253	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter-Acceleration (RMS) (Frequency Range @ 80 Hz)	Using Digital Vibration Tester with Transducer by Comparison Method As Per BS ISO 16063 -21:2003 +A1:2016	15 m/s^2	6.5 %
254	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter-Acceleration (RMS) (Frequency range @ 80 Hz)	Using Digital Vibration Tester with Transducer by Comparison Method as per BS ISO 16063 -21:2003 +A1:2016	2 m/s^2	7.6 %
255	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter-Displacement (Peak to Peak)(Frequency Range @ 100 Hz)	Using Digital Vibration Tester with Transducer by Comparison Method	100 µm	7.24 %
256	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter-Displacement (Peak to Peak)(Frequency Range @ 100 Hz)	Using Digital Vibration Tester with Transducer by Comparison Method	20 µm	8.74 %
257	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter-Displacement (Peak to Peak)(Frequency Range @ 40 Hz)	Using Digital Vibration Tester with Transducer by Comparison Method	50 µm	6.84 %
258	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter-Displacement (Peak to Peak)(Frequency Range @ 40 Hz)	Using Digital Vibration Tester with Transducer by Comparison Method	800 µm	6.65 %

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259	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter-Displacement (Peak to Peak)(Frequency Range @ 80 Hz)	Using Digital Vibration Tester with Transducer by Comparison Method	160 µm	6.47 %
260	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter-Displacement (Peak to Peak)(Frequency Range @ 80 Hz)	Using Digital Vibration Tester with Transducer by Comparison Method	50 µm	7.04 %
261	MECHANICAL-ACOUSTICS	Sound Level Meter	Using Sound Level Calibrator as per IS 15575 (Part 1):2016 by Comparison Method	114 dB @ 1kHz	0.86 dB
262	MECHANICAL-ACOUSTICS	Sound Level Meter	Using Sound Level Calibrator as per IS 15575 (Part 1):2016) by Comparison Method	94 dB @ 1 kHz	0.83 dB
263	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel Protractor (L.C.: 1')	Using Vision Measurement System by Comparison Method	0 to 360 °	2.10 minute of arc
264	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bore Gauge - Transmission (L.C.: 0.001 mm)	Using Electronic Dial Calibration Tester by Comparison Method	Upto 2 mm	4.8 µm

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265	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bridge Cam Gauge - Angle	Using Vision Measurement System by Direct Method	0 to 60 °	4.9 minute of arc
266	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bridge Cam Gauge - Length	Using Vision Measurement System by Direct Method	0 to 60 mm	5.8 µm
267	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper (Vernier / Digital / Dial) (L.C.: 10 µm)	Using Long Gauge Block Set by Comparison Method	0 to 1000 mm	16.2 µm
268	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper (Vernier / Digital / Dial) (L.C.: 10 µm)	Using Caliper Checker / Gr '0' Gauge Blocks / Long Gauge Blocks by Comparison Method	0 to 600 mm	9.91 µm
269	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Coating Thickness Gauge (L.C.: 0.1 µm)	Using Standard Thickness Foils by Comparison Method	49 µm to 1981 µm	8.8 µm

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270	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Combination Set (L.C.: 1 °)	Using Video Measurement System by Comparison Method	0 to 180 °	35 minute of arc
271	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cube Mould - Linear	Using Digital Caliper by Comparison Method	Upto 150 mm	0.02 mm
272	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cylindrical Measuring Pin	Using Electronic Probe with Comparator Stand by Comparison Method	0.1 mm to 25 mm	3.6 µm
273	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Caliper (Vernier/Digital/Dial) (L.C.: 10 µm)	Using Caliper Checker / Gr '0' Gauge Blocks / Long Gauge Blocks by Comparison Method	0 to 300 mm	9.21 µm
274	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Caliper (Vernier/Digital/Dial) (L.C.: 10 µm)	Using Caliper Checker / Gr '0' Gauge Blocks / Long Gauge Blocks by Comparison Method	0 to 600 mm	13.6 µm

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275	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer (L.C.: 1 µm)	Using Gr '0' Gauge Blocks / Long Gauge Blocks, V Block and Dial Indicator by Comparison Method.	0 to 300 mm	10 µm
276	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer (L.C.: 1 µm)	Using Gr '0' Gauge Blocks / Long Gauge Blocks, V Block and Dial Indicator by Comparison Method	0 to 600 mm	10.6 µm
277	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Elongation Gauge - Linear	Using Vision Measurement System by Direct Method	Upto 100 mm	14.5 µm
278	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (Analog/Digital) (L.C.: 1 µm)	Using Gr '0' Gauge Blocks / Long Gauge Blocks / Optical Flat by Comparison Method	0 to 600 mm	9.72 µm
279	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (Analog/Digital) (L.C.: 1 µm)	Using Gr '0' Gauge Blocks / Long Gauge Blocks / Optical Flat by Comparison Method.	0 to 100 mm	1.22 µm

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280	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	Using Electronic Probe with Comparator Stand by Comparison Method	0.03 mm to 2 mm	3.5 µm
281	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Flakiness Gauge - Linear	Using Vision Measurement System by Direct Method	Upto 100 mm	5.64 µm
282	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Go & No-Go Snap Gauge – Gap Size	Using Slip Gauge Set & Optical Flat by Comparison Method.	0 to 200 mm	13.40 µm
283	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (Vernier/Dial/Digital) (L.C.: 1 µm)	Using '0' Grade Gauge blocks & Long Gauge Blocks, Caliper Checker, Lever Dial Gauge, Surface Plate by Comparison Method	0 to 600 mm	9 µm
284	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (Vernier/Dial/Digital) (L.C.: 10 µm)	Using '0' Grade Gauge Blocks & Long Gauge Blocks, Lever Dial Gauge, Surface Plate by Comparison Method.	0 to 1000 mm	17.2 µm

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285	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Industrial Gauge (Plain Work Piece) - Diameter	Using Vision Measurement System by Direct Method	Upto 150 mm	5.52 µm
286	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Industrial Gauge (Plain Work Piece) - Angle	Using Vision Measurement System by Direct Method	0 to 360 °	2.01 minute of arc
287	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Industrial Gauge - Plain Work Piece (Linear)	Using Vision Measurement System by Direct Method	Upto 200 mm	5.64 µm
288	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal / Stick Micrometer (L.C.: 10 µm)	Using Gr '0' Gauge Blocks / Long Gauge Blocks , V Block, Dial Indicator and Comparator Stand by Comparison Method.	0 to 1000 mm	14.2 µm

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289	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal / Stick Micrometer (L.C.: 10 µm)	Using Gr '0' Gauge Blocks / Long Gauge Blocks, V Block, Dial Indicator and Comparator Stand by Comparison Method	0 to 600 mm	8.6 µm
290	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal / Stick Micrometer (L.C.: 10 µm)	Using Gr '0' Gauge Blocks / Long Gauge Blocks, V Block, Dial Indicator and Comparator Stand by Comparison Method	25 mm to 300 mm	12.8 µm
291	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal / Stick Micrometer (L.C.: 10 µm)	Using Gr '0' Gauge Blocks / Long Gauge Blocks , V Block, Dial Indicator, Comparator Stand by Comparison Method.	5 mm to 100 mm	6.98 µm
292	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Laser Distance Meter (L.C.: 1 mm)	Using Gr '0' Gauge Blocks and Long Gauge Blocks by Comparison Method.	0 to 1700 mm	0.76 mm

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293	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Type Dial Gauge (L.C.: 1 µm)	Using Electronic Dial Calibration Tester by Comparison Method	0 to 0.14 mm	2.65 µm
294	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Type Dial Gauge (L.C.: 10 µm)	Using Electronic Dial Calibration Tester by Comparison Method	0 to 0.8 mm	6.20 µm
295	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Limit Gauge (Width / Gap Size)	Using Electronic Probe and Comparator Stand by Comparison Method	0 to 200 mm	3.9 µm
296	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Scale (L.C.: 1 mm)	Using Scale and Tape Calibrator by Comparison Method	0 to 1000 mm	588 µm
297	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Tape (L.C.: 1 mm)	Using Scale and Tape Calibrator by Comparison Method	0 to 1000 mm	582 µm

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298	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Tape (L.C.: 1 mm)	Scale and Tape Calibrator by Comparison Method	0 to 30000 mm	582 x sqrt L/1000 µm where 'L' in mm
299	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Head (L.C.: 1 µm)	Gr '0' Gauge Blocks, Optical Flat and Electronic Probe by Comparison Method	0 to 25 mm	3.5 µm
300	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Head (L.C.: 10 µm)	Gr '0' Gauge Blocks, Optical Flat and Electronic Probe by Comparison Method	0 to 50 mm	8.3 µm
301	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pie Tape (L.C.: 1 mm)	Using Scale and Tape Calibrator by Comparison Method	0 to 1000 mm	585xsqrt(L) µm where "L" in mm
302	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pie Tape (L.C.: 1 mm)	Using Scale and Tape Calibrator by Comparison Method	Upto 5000 mm	585xsqrt(L) µm where "L" in mm

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303	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pistol Caliper (Vernier / Digital / Dial) (L.C.: 100 µm)	Using Caliper Checker / Gr '0' Gauge Blocks / Long Gauge Blocks by Comparison Method	0 to 150 mm	70 µm
304	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Snap Gauge - Gap Size & Parallelism	Using Slip Gauge Set & Optical Flat by Comparison Method	0 to 200 mm	14.7 µm
305	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Type Dial Gauge (L.C.: 0.5 µm)	Using Electronic Dial Calibration Tester by Comparison Method	0 to 12.5 mm	2.5 µm
306	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Type Dial Gauge (L.C.: 1 µm)	Using Electronic Dial Calibration Tester by Comparison Method	0 to 25 mm	4.8 µm
307	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Type Dial Gauge, LVDT (L.C.: 1 µm)	Using Electronic Probe with Comparator Stand and '0' Grade Slip Gauges by Comparison Method	0 to 50 mm	8.42 µm

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308	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Protractor (L.C.: 1 °)	Using Vision Measurement System by Direct Method.	0 to 360 °	35.8 minute of arc
309	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Radius Gauge	Using Vision Measurement System by Direct Method	0.4 mm to 40 mm	9.5 µm
310	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Setting Rod	Using Gr '0' Gauge Block, Long Gauge Blocks, Electronic Probe, Comparator Stand and Surface Plate by Comparison Method	25 mm to 1000 mm	8.60 µm
311	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Spirit Level Type 1, 2 & 3	Using Electronic Level & Robust Tilting Table by Comparison Method	Up to 0.3 mm/m	8.0 µm/m
312	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Scale (L.C.: 0.1 mm)	Using Vision Measurement System by Direct Method	1 mm to 15 mm	58 µm

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313	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Test Sieve	Using Vision Measurement System by Comparison Method	0.03 mm to 10 mm	6.2 µm
314	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Test Sieve	Using Digital Vernier Caliper by Direct Method	10 mm to 125 mm	16 µm
315	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thickness Foil	Electronic Probe with Comparator Stand by Comparison Method	49 µm to 1981 µm	5.4 µm
316	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thickness Gauge (Digital / Dial) (L.C.: 1 µm)	Gr '0' Gauge Block by Comparison Method	0 to 12 mm	1.3 µm
317	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Pitch Gauge - Half Angle	Using Vision Measurement System by Direct Method	30 °	6.3 minute of arc

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318	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Pitch Gauge - Pitch	Using Vision Measurement System by Direct Method	0.25 mm to 5.5 mm	9.4 µm
319	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Ultrasonic Thickness Gauge (L.C : 0.1 mm)	Using Slip Gauge Set & Long Gauge Block Set by Comparison Method	4 mm to 400 mm	0.076 mm
320	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Weld Fillet Gauge - Length	Using Vision Measurement System By Direct Method	0 to 25.4 mm	5.9 µm
321	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Weld Gauge - Angle	Using Vision Measurement System by Direct Method	0 to 90 °	2.01 minute of arc
322	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Weld Gauge - Fillet, Chamfer, Width, Length, Diameter, Radius, PCD	Using Vision Measurement System by Direct Method	Upto 200 mm	5.57 µm

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323	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Wet Film Thickness Gauge	Using Vision Measurement System by Direct Method	0.025 mm to 3 mm	9.4 µm
324	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Wire Gauge	Using Vision Measurement System by Direct Method	0.19 mm to 7.62 mm	5.92 µm
325	MECHANICAL-DUROMETER	Shore / Rubber Hardness Tester - Shore A	Using Loadcell with Indicator and Fixture by Comparison Method as per ASTM-D-2240:2017	0 to 100 Shore	1.22 Shore
326	MECHANICAL-DUROMETER	Shore / Rubber Hardness Tester - Shore D	Using Loadcell with Indicator and Fixture by Comparison Method as per ASTM-D-2240:2017	0 to 100 Shore	1.61 Shore
327	MECHANICAL-MOBILE FORCE MEASURING SYSTEM	Push Pull Gauge / Force Gauge	Using Newton Weights as per VDI/VDE 2624 Part 2.1:2008	10 N to 1000 N	1.43 %
328	MECHANICAL-MOBILE FORCE MEASURING SYSTEM	Push Pull Gauge / Force Gauge	Using Newton Weights as per VDI/VDE 2624 Part 2.1:2008	1 N to 10 N	1.13 %

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329	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Digital / Analog Pressure Gauge, Pressure Transducer / Sensor / Transmitter / Switch with or without Indicator / Calibrator / Controller / Recorder	Using Pressure Indicator with Hydraulic Pump, DMM by Comparison Method as per DKD R 6-1	20 bar to 200 bar	0.15 bar
330	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Digital / Analog Pressure Gauge, Pressure Transducer / Sensor / Transmitter / Switch with or without Indicator / Calibrator / Controller / Recorder	Using Pressure Indicator with Hydraulic Pump, DMM by Comparison Method as per DKD R 6-1	200 bar to 700 bar	0.7 bar
331	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Pressure Transducer / Sensor / Transmitter / Switch with or without Indicator / Calibrator / Controller / Recorder	Using Pressure Indicator with Hydraulic Pump, DMM by Comparison Method as per DKD R 6-1	700 bar to 1000 bar	1.37 bar

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332	MECHANICAL-PRESSURE INDICATING DEVICES	Magnehelic Gauge (Digital / Analog), Pneumatic Pressure, Differential Pressure Transmitter, Low Pressure Indicator / Transducer	Using Pressure Indicator with Pnuematic Pressure Pump, DMM by Comparison Method Based on DKD R6-1	0.25 mbar to 2.50 mbar	0.06 mbar
333	MECHANICAL-PRESSURE INDICATING DEVICES	Magnehelic Gauge (Digital / Analog), Pneumatic Pressure, Differential Pressure Transmitter, Low Pressure Indicator / Transducer	Using Digital Manometer with Pnuematic Pressure Pump, DMM by Comparison Method as per DKD R 6-1	10 mbar to 100 mbar	0.1 mbar
334	MECHANICAL-PRESSURE INDICATING DEVICES	Magnehelic Gauge (Digital / Analog), Pneumatic Pressure, Differential Pressure Transmitter, Low Pressure Indicator / Transducer	Using Digital Manometer with Pnuematic Pressure Pump, DMM by Comparison Method as per DKD R 6-1	2.5 mbar to 25 mbar	0.04 mbar
335	MECHANICAL-PRESSURE INDICATING DEVICES	Pnuematic Pressure - Digital / Analog Pressure Gauge, Pressure Transducer / Sensor / Transmitter / Switch with or without Indicator / Calibrator / Controller / Recorder	Using Digital Pressure Indicator with Pnuematic Pressure Pump, DMM by Comparison Method as per DKD R 6-1	0 to 2 bar	0.002 bar

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336	MECHANICAL-PRESSURE INDICATING DEVICES	Pnuematic Pressure - Digital / Analog Pressure Gauge, Pressure Transducer / Sensor / Transmitter / Switch with or without Indicator / Calibrator / Controller / Recorder	Using Digital Pressure Indicator with Pnuematic Pressure Pump, DMM by Comparison Method as per DKD R 6-1	2 bar to 20 bar	0.015 bar
337	MECHANICAL-PRESSURE INDICATING DEVICES	Vacuum Pressure - Digital / Analog Vacuum Gauge, Vacuum Transducer / Sensor / Transmitter / Switch with or without Indicator / Calibrator / Controller / Recorder	Using Digital Pressure Indicator with Pneumatic Pressure Pump, DMM by Comparison Method as per DKD R 6-1	(-) 0.8 bar to 0	0.002 bar
338	MECHANICAL-TORQUE GENERATING DEVICES	Handy Torque Tool / Torque Wrench (Type- I, II) Class A, B, C, D, E, F, G	Using Torque Wrench Calibrator by Comparison Method as per ISO 6789-2:2017	0.2 Nm to 2 Nm	0.87 %
339	MECHANICAL-TORQUE GENERATING DEVICES	Handy Torque Tool / Torque Wrench (Type- I, II) Class A, B, C, D, E, F, G	Using Torque Wrench Calibrator by Comparison Method as per ISO 6789-2:2017	2 Nm to 20 Nm	0.61 %

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340	MECHANICAL-TORQUE GENERATING DEVICES	Handy Torque Tool / Torque Wrench (Type- I, II) Class A, B, C, D, E, F, G	Using Torque Wrench Calibrator by Comparison Method as per ISO 6789-2:2017	20 Nm to 200 Nm	0.79 %
341	MECHANICAL-TORQUE GENERATING DEVICES	Handy Torque Tool / Torque Wrench (Type- I, II) Class A, B, C, D, E, F, G	Using Torque Wrench Calibrator by Comparison Method as per ISO 6789-2:2017	200 Nm to 2000 Nm	1.2 %
342	MECHANICAL-TORQUE MEASURING DEVICES	Torque Transducer with Indicator, Torque Meter	Using Dead Weight Torque Calibration System (consisting of Pulley and Aluminum and Stainless Steel) Newtonian Weights as per BS 7882:2008 by Comparison Method	0.2 Nm to 10 Nm	0.012 %
343	MECHANICAL-TORQUE MEASURING DEVICES	Torque Transducer with Indicator, Torque Meter	Using Dead Weight Torque Calibration System (consisting of Lever Arm, Aluminum and Stainless steel) and Newtonian Weights as per BS 7882:2008 by Comparison Method	10 Nm to 200 Nm	0.088 %

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344	MECHANICAL-VOLUME	Glass Pipette Graduated / Non Graduated	Using Digital Weighing Balance (Readability: 0.01 mg) and Distilled Water by Gravimetric Method as per ISO 4787:2021	0.1 ml to 1 ml	0.00015 ml
345	MECHANICAL-VOLUME	Micro Pipette	Using Digital Weighing Balance (Readability: 0.01 mg) Resolution and Distilled Water by Gravimetric Method as per ISO 8655-6:2022	>10 µl to 100 µl	0.07 µl
346	MECHANICAL-VOLUME	Micro Pipette	Using Digital Weighing Balance (Readability: 0.01 mg) and Distilled water by Gravimetric Method as per ISO 8655-6:2022	>100 µl to 1000 µl	0.07 µl

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347	MECHANICAL-VOLUME	Micro Pipette	Using Digital Weighing Balance (Readability: 0.01 mg) and Distilled Water by Gravimetric Method as per ISO 8655-6:2022	>1000 µl to 10000 µl	2.73 µl
348	MECHANICAL-VOLUME	Micro Pipette	Using Digital Weighing Balance (Readability: 0.001 mg) and Distilled Water by Gravimetric Method as per ISO 8655-6:2022	1 µl to 10 µl	0.05 µl
349	MECHANICAL-VOLUME	Pipette, Burette, Measuring Cylinder, Volumetric Flask	Using Digital Weighing Balance (Readability: 1 mg) and Distilled Water by Gravimetric Method as per ISO 4787:2021	>1000 ml to 2000 ml	0.29 ml
350	MECHANICAL-VOLUME	Pipette, Burette, Measuring Cylinder, Volumetric Flask	Using Digital Weighing Balance (Readability: 0.01 mg) and Distilled Water by Gravimetric Method as per ISO 4787:2021	1 ml to 10 ml	0.00084 ml

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351	MECHANICAL-VOLUME	Pipette, Burette, Measuring Cylinder, Volumetric Flask	Using Digital Weighing Balance (Readability: 0.1 mg) and Distilled Water by Gravimetric Method as per ISO 4787:2021	10 ml to 100 ml	0.0019 ml
352	MECHANICAL-VOLUME	Pipette, Burette, Measuring Cylinder, Volumetric Flask	Using Digital Weighing Balance (Readability: 1 mg) and Distilled Water by Gravimetric Method as per ISO 4787:2021	100 ml to 1000 ml	0.025 ml
353	MECHANICAL-WEIGHTS	Accuracy Class E2 & coarser	Using E1 Class Weights & Digital Weighing Balance (Readability: 0.001 mg) By ABBA Method as per OIML R111-1:2004	1 g	0.0039 mg
354	MECHANICAL-WEIGHTS	Accuracy Class E2 & coarser	Using E1 Class Weights & Digital Weighing Balance (Readability: 0.001 mg) By ABBA Method as per OIML R111-1:2004	1 mg	0.0014 mg

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355	MECHANICAL-WEIGHTS	Accuracy Class E2 & coarser	Using E1 Class Weights & Digital Weighing Balance (Readability: 0.01 mg) By ABBA Method as per OIML R111-1:2004	10 g	0.012 mg
356	MECHANICAL-WEIGHTS	Accuracy Class E2 & Coarser	Using E1 Class Weights & Digital Weighing Balance (Readability: 0.001 mg) By ABBA Method as per OIML R111-1:2004	10 mg	0.0017 mg
357	MECHANICAL-WEIGHTS	Accuracy Class E2 & coarser	Using E1 Class Weights & Digital Weighing Balance (Readability: 0.1 mg) By ABBA Method as per OIML R111-1:2004	100 g	0.05 mg
358	MECHANICAL-WEIGHTS	Accuracy Class E2 & coarser	Using E1 Class Weights & Digital Weighing Balance (Readability: 0.001 mg) By ABBA Method as per OIML R111-1:2004	100 mg	0.0023 mg

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359	MECHANICAL-WEIGHTS	Accuracy class E2 & coarser	Using E1 class Weights & Digital Weighing Balance (Readability: 0.002 mg) By ABBA Method as per OIML R111-1:2004	2 g	0.004 mg
360	MECHANICAL-WEIGHTS	Accuracy Class E2 & coarser	Using E1 Class Weights & Digital Weighing Balance (Readability: 0.001 mg) By ABBA Method as per OIML R111-1:2004	2 mg	0.0014 mg
361	MECHANICAL-WEIGHTS	Accuracy Class E2 & coarser	Using E1 Class Weights & Digital Weighing Balance (Readability: 0.01 mg) By ABBA Method as per OIML R111-1:2004	20 g	0.011 mg
362	MECHANICAL-WEIGHTS	Accuracy Class E2 & coarser	Using E1 Class Weights & Digital Weighing Balance (Readability: 0.001 mg) By ABBA Method as per OIML R111-1:2004	20 mg	0.0018 mg

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363	MECHANICAL-WEIGHTS	Accuracy Class E2 & coarser	Using E1 Class Weights & Digital Weighing Balance (Readability: 0.1 mg) By ABBA Method as per OIML R111-1:2004	200 g	0.098 mg
364	MECHANICAL-WEIGHTS	Accuracy Class E2 & coarser	Using E1 Class Weights & Digital Weighing Balance (Readability: 0.001 mg) By ABBA Method as per OIML R111-1:2004	200 mg	0.0027 mg
365	MECHANICAL-WEIGHTS	Accuracy Class E2 & coarser	Using E1 Class Weights & Digital Weighing Balance (Readability: 0.01 mg) By ABBA Method as per OIML R111-1:2004	5 g	0.0087 mg
366	MECHANICAL-WEIGHTS	Accuracy Class E2 & coarser	Using E1 Class Weights & Digital Weighing Balance (Readability: 0.001 mg) By ABBA Method as per OIML R111-1:2004	5 mg	0.0014 mg

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367	MECHANICAL-WEIGHTS	Accuracy Class E2 & coarser	Using E1 Class Weights & Digital Weighing Balance (Readability:0.01 mg) By ABBA Method as per OIML R111-1:2004	50 g	0.018 mg
368	MECHANICAL-WEIGHTS	Accuracy Class E2 & coarser	Using E1 Class Weights & Digital Weighing Balance (Readability: 0.001 mg) By ABBA Method as per OIML R111-1:2004	50 mg	0.002 mg
369	MECHANICAL-WEIGHTS	Accuracy Class E2 & coarser	Using E1 Class Weights & Digital Weighing Balance (Readability: 0.001 mg) By ABBA Method as per OIML R111-1:2004	500 mg	0.0034 mg
370	MECHANICAL-WEIGHTS	Accuracy Class F1 & coarser	Using E2 Class Weights & Digital Weighing Balance (Readability: 1 mg) By ABBA Method as per OIML R111-1:2004	1 kg	0.7 mg

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371	MECHANICAL-WEIGHTS	Accuracy Class F1 & coarser	Using E2 Class Weights & Digital Weighing Balance (Readability: 10 mg) By ABBA Method as per OIML R111-1:2004	10 kg	9 mg
372	MECHANICAL-WEIGHTS	Accuracy Class F1 & coarser	Using E2 Class Weights & Digital Weighing Balance (Readability: 1 mg) By ABBA Method as per OIML R111-1:2004	2 kg	1.92 mg
373	MECHANICAL-WEIGHTS	Accuracy Class F1 & coarser	Using E2 Class Weights & Digital Weighing Balance (Readability:10 mg) By ABBA Method as per OIML R111-1:2004	5 kg	8.3 mg
374	MECHANICAL-WEIGHTS	Accuracy Class F1 & coarser	Using E2 Class Weights & Digital Weighing Balance (Readability: 1 mg) By ABBA Method as per OIML R111-1:2004	500 g	0.63 mg

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375	MECHANICAL-WEIGHTS	Accuracy Class F2 & coarser	Using E2 Class Weights & Digital Weighing Balance (Readability: 100 mg) By ABBA Method as per OIML R111-1:2004	20 kg	90 mg
376	OPTICAL-OPTICAL	Lux Meter / Light Meter	Using Standard Lux Meter By Comparison Method	10 lux to 100 lux	3.66 %
377	OPTICAL-OPTICAL	Lux Meter / Light Meter	Using Standard Lux Meter By Comparison Method	100 lux to 20000 lux	3.65 %
378	THERMAL-SPECIFIC HEAT & HUMIDITY	Thermo Hygrometer / Humidity Data Logger / Temperature & Humidity Transmitter @ 10 °C to 40 °C	Using Temperature & Humidity Meter with Temperature Humidity Generator by Comparison Method	25 %rh to 95 %rh	1.5 %rh
379	THERMAL-SPECIFIC HEAT & HUMIDITY	Thermo Hygrometer / Humidity Data Logger / Temperature & Humidity Transmitter @ 50 °C	Using Temperature & Humidity Meter with Temperature Humidity Generator by Comparison Method	10 %rh to 95 %rh	1.5 %rh

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380	THERMAL-SPECIFIC HEAT & HUMIDITY	Thermo Hygrometer / Temperature & Humidity Data Logger / Temperature & Humidity Transmitter @ 50 %rh	Using Temperature & Humidity Meter and Portable Temperature & Humidity Generator by Comparison Method	5 °C to 50 °C	0.30 °C
381	THERMAL-TEMPERATURE	Liquid in Glass Thermometer	Using SSPRT with Indicator and Liquid Bath by Comparison Method	(-)50 °C to 250 °C	1 °C
382	THERMAL-TEMPERATURE	Non Contact Infrared Thermometer / Pyrometer	Using Infrared Thermometer and Black Body Source (emissivity : 0.95 (+/-0.01)) by Comparison Method	50 °C to 500 °C	3 °C
383	THERMAL-TEMPERATURE	RTD, Thermocouple, Digital Thermometer, Temperature Transmitter / Sensor With & Without Indicator	Using Liquid Nitrogen container, Standard RTD Sensor with Indicator and 6½ Digital Multimeter by Comparison Method	(-)196 °C	0.19 °C
384	THERMAL-TEMPERATURE	RTD, Thermocouple, Digital Thermometer, Temperature Transmitter With & Without Indicator	Using SSPRT with Indicator, 6½ Digital Multimeter and Dry Block Calibrator by Comparison Method	(-)30 °C to 100 °C	0.15 °C

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385	THERMAL-TEMPERATURE	RTD, Thermocouple, Digital Thermometer, Temperature Transmitter With & Without Indicator	Using SSPRT with Indicator, 6½ Digital Multimeter and Dry Block Calibrator by Comparison Method	100 °C to 450 °C	0.22 °C
386	THERMAL-TEMPERATURE	RTD, Thermocouple, Digital Thermometer, Temperature Transmitter, With & Without Indicator	Using SSPRT with Indicator, 6½ Digital Multimeter and Dry Block Calibrator by Comparison Method	(-)80 °C to (-)30 °C	0.16 °C
387	THERMAL-TEMPERATURE	Thermocouple, Temperature Transmitter / Sensor With & Without Indicator	Using S type Thermocouple with Indicator, 6½ Digital Multimeter and Dry Block Calibrator by Comparison Method	450 °C to 1200 °C	1.72 °C

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Site Facility					
1	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Energy (Single Phase) Cos phi Lead/Lag (0.01 - 1), (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	20 mWh to 9.6 kWh	2.07 % to 0.052 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Energy (Three Phase) Cos phi Lead/Lag (0.01 - 1), (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	60 mWh to 28.8 kWh	2.01 % to 0.021 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Power (Single Phase) Cos phi Lead/Lag (0.01 - 1), (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	20 mW to 9.6 kW	0.067 % to 2.35 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Power (Single Phase) Cos phi Lead/Lag (0.01 - 1), (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Direct Method	20 mW to 9.6 kW	2.35 % to 0.067 %

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5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Power (Three Phase) Cos phi Lead/Lag 0.01 - 1, (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Direct Method	60 mW to 28.8 kW	2.25 % to 0.067 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Power (Three Phase) Cos phi Lead/Lag 0.01 - 1, (40 V - 320 V, 50 mA - 30 A) @ 40 Hz-65 Hz	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	60 mW to 28.8 kW	2.35 % to 0.067 %
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 1 kHz - 5 kHz	Using 8½ Digit Multimeter By Direct Method	10 mA to 100 mA	0.058 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 1 kHz - 5 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 mA to 100 mA	0.059 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 1 kHz - 5 kHz	Using 8½ Digit Multimeter By Direct Method	100 mA to 1 A	0.058 % to 0.14 %

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10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 1 kHz - 5 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator as Source By Comparison Method	100 mA to 1 A	0.059 % to 0.142 %
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 20 Hz - 45 Hz	Using 8½ Digit Multimeter By Direct Method	10 mA to 100 mA	0.2 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 20 Hz - 45 Hz	Using 8½ Digit Multimeter with Multiproduct Calibrator as Source By Comparison Method	10 mA to 100 mA	0.2 %
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 20 Hz - 45 Hz	Using 8½ Digit Multimeter By Direct Method	100 mA to 1 A	0.2 % to 0.21 %
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 20 Hz - 45 Hz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 mA to 1 A	0.2 % to 0.21 %

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15	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz - 1 kHz	Using 6½ Digit Multimeter By Direct Method	1 A to 10 A	0.113 % to 0.166 %
16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz - 1 kHz	Using 6½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	1 A to 10 A	0.117 % to 0.21 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz - 1 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	1 mA to 100 mA	0.094 %
18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz - 1 kHz	Using 8½ Digit Multimeter By Direct Method	1 mA to 100 mA	0.094 %
19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz - 1 kHz	Using 8½ Digit Multimeter By Direct Method	100 µA to 1 mA	0.094 %

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20	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz - 1 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 µA to 1 mA	0.094 %
21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz - 1 kHz	Using 8½ Digit Multimeter By Direct Method	100 mA to 1 A	0.094 % to 0.14 %
22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz - 1 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 mA to 1 A	0.094 % to 0.14 %
23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using Standard Flexible AC Current Probe With Digital Multimeter by Direct Method	100 A to 2500 A	4.69 % to 3.77 % %
24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using High Current Source & Standard Flexible AC Current Probe With Digital Multimeter By Comparison Method	100 A to 2500 A	4.69 % to 3.77 % %

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25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using High Precision Current Transducer & 8½ Digit Multimeter by Direct Method	20 A to 100 A	0.25 % to 0.19 %
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using High Precision Current Transducer & 8½ Digit Multimeter by Comparison Method	20 A to 100 A	0.67 % to 0.19 %
27	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using Current Shunt with Digital Multimeter By Direct Method	30 A to 100 A	1.56 % to 0.61 %
28	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using Standard Current Source and Current Shunt with Digital Multimeter By Comparison Method	30 A to 100 A	1.56 % to 0.61 %
29	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz / 60 Hz	Using Precision Power Meter By Direct Method	1 A to 30 A	0.022 % to 0.02 %

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30	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz / 60 Hz	Using high Precision Power Meter with Multiproduct Calibrator as Source By Comparison Method	1 A to 30 A	0.032 % to 0.02 %
31	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 50 Hz	Using Current Transducer & Digital Multimeter by Direct Method	100 A to 1000 A	0.19 % to 0.14 %
32	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 50 Hz	Using Standard Current Source and Current Transducer with Digital Multimeter By Comparison Method	100 A to 1000 A	0.19 % to 0.14 %
33	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 50 Hz	Using Current Shunt with Digital Multimeter By Direct Method	100 A to 1000 A	0.61 % to 1.4 %
34	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 50 Hz	Using Standard Current Source and Current Shunt with Digital Multimeter By Comparison Method	100 A to 1000 A	0.61 % to 1.4 %

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35	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @ 50 Hz.	Using HV Probe with Digital Multimeter by Direct Method	1 kV to 5 kV	1 %
36	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @ 50 Hz	Using HV Divider with Multimeter by Direct Method	10 kV to 100 kV	0.85 % to 2 %
37	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @ 50 Hz	Using HV Probe with Digital Multimeter / Digital storage oscilloscope by Direct Method	5 kV to 28 kV	2.65 %
38	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @ 50Hz	Using HV Kit & HV Probe with Multimeter by Comparison Method	1 kV to 5 kV	1 %
39	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @ 50Hz	Using HV Kit & HV Probe with Multimeter by Comparison Method	5 kV to 28 kV	2.65 %

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40	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Power (Single Phase) Sin phi Lead/Lag (0.01 - 1), (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Direct Method	20 mVAR to 9.6 kVAR	0.059 % to 1.22 %
41	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Power (Single Phase) Sin phi Lead/Lag 0.01 - 1, (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	20 mVAR to 9.6 kVAR	0.018 %
42	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Power (Three Phase) Sin phi Lead/Lag 0.01 - 1, (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Direct Method	60 mVAR to 28.8 kVAR	0.22 % to 0.058 %
43	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Power (Three Phase) Sin phi Lead/Lag 0.01 - 1, (40 V - 320 V, 50 mA - 30 A) @ 40 Hz - 65 Hz	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	60 mVAR to 28.8 kVAR	2.25 % to 0.067 %
44	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 40 Hz – 1 kHz	Using 8½ Digit Multimeter By Direct Method	10 V to 30 V	0.0114 % to 0.027 %

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45	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 40Hz –1 kHz	Using 8½ Digit Multimeter By Direct Method	10 mV to 100 mV	0.045 % to 0.013 %
46	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 40Hz –1 kHz	Using 8½ Digit Multimeter By Direct Method	100 mV to 10 V	0.013 % to 0.0114 %
47	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 1 kHz - 20 kHz	Using 8½ Digit Multimeter By Direct Method	10 mV to 100 mV	0.052 % to 0.02 %
48	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 1 kHz - 20 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 mV to 100 mV	0.052 % to 0.02 %
49	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 1 kHz - 20 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 V to 300 V	0.021 % to 0.078 %

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50	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 1 kHz - 20 kHz	Using 8½ Digit Multimeter By Direct Method	10 V to 700 V	0.02 % to 0.073 %
51	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 1 kHz - 20 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 mV to 10 V	0.02 % to 0.021 %
52	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 1 kHz - 20 kHz	Using 8½ Digit Multimeter By Direct Method	100 mV to 10 V	0.020 %
53	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 100 kHz - 300 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator as Source By Comparison Method	10 mV to 1 V	4.64 % to 0.47 %
54	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 100 kHz - 300 kHz	Using 8½ Digit Multimeter By Direct Method	100 mV to 10 V	0.36 %

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55	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 20 kHz - 100 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 mV to 100 mV	0.59 % to 0.096 %
56	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 20 kHz - 100 kHz	Using 8½ Digit Multimeter By Direct Method	10 mV to 100 mV	0.59 % to 0.098 %
57	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 20 kHz - 100 kHz	Using 8½ Digit Multimeter By Direct Method	10 V to 100 V	0.096 % to 0.141 %
58	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 20 kHz - 100 kHz	Using 8½ Digit Multimeter By Direct Method	100 mV to 10 V	0.096 %
59	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 20 kHz - 100 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 mV to 10 V	0.096 %

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60	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 20 kHz -100 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 V to 100 V	0.096 % to 0.142 %
61	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 300 kHz - 500 kHz	Using 8½ Digit Multimeter By Direct Method	1 V to 10 V	0.12 % to 1.17 %
62	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 40 Hz - 1 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 mV to 100 mV	0.045 % to 0.0134 %
63	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 40 Hz - 1 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 V to 30 V	0.013 % to 0.027 %
64	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 40 Hz - 1 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 mV to 10 V	0.0134 % to 0.013 %

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65	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 40 Hz - 65 Hz	Using 3 Phase Reference Standard with Source by Comparison Method	40 V to 480 V	0.008 %
66	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz - 1 kHz	Using 8½ Digit Multimeter By Direct Method	100 V to 700 V	0.027 % to 0.05 %
67	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz - 1 kHz	Using 6½ Digit Multimeter By Direct Method	700 V to 1000 V	0.072 % to 0.076 %
68	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz – 1 kHz	Using 8½ Digit Multimeter By Direct Method	30 V to 100 V	0.027 % to 0.026 %
69	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz –1 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 V to 700 V	0.0272 % to 0.0502 %

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70	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz –1 kHz	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	30 V to 100 V	0.0272 %
71	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using LCR Meter By Direct Method	100 pF to 100 µF	0.14 %
72	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Current Harmonics @ (50 mA to 30 A, 50 Hz to 60 Hz)	Using 3 Phase Reference Standard with Source by Comparison Method	2nd Order to 40th Order	0.6 % to 0.87
73	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Frequency	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	40 Hz to 65 Hz	0.034 %
74	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Inductance @ 1 kHz	Using LCR Meter By Direct Method	1 mH to 10 H	0.2 %

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75	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Phase Angle @ 50 Hz	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	(-) 180 ° to 180 °	0.008 °
76	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Power Factor @ 50 Hz (Single & Three Phase)	Using 3 Phase Reference Measurement Standard with Source by Comparison Method	(-)1 PF to 1 PF	0.01 PF
77	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Power Factor @ 50 Hz (Single & Three Phase)	Using 3 Phase Reference Measurement Standard with Source by Direct Method	(-)1 PF to 1 PF	0.01 PF
78	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Voltage Harmonics @ (40 V to 320 V, 50 Hz to 60 Hz)	Using 3 Phase Reference Standard with Source by Comparison Method	2nd Order to 40th Order	0.76 % to 0.61
79	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Active Power (Single Phase) @ 50 Hz, 120 V to 240 V, 0.01 A to 20 A, UPF	Using Multiproduct Calibrator By Direct Method	1.2 W to 4.8 kW	0.080 % to 0.113 %

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80	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Active Power (Single Phase) @ 50 Hz (120 V - 240 V, 0.1 A - 20 A) @ 0.2 PF Lead/Lag	Using Multiproduct Calibrator By Direct Method	2.4 W to 960 W	0.35 % to 0.064 %
81	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 1 kHz to 5 kHz	Using Multiproduct Calibrator By Direct Method	3 A to 20 A	0.5 % to 2.36 %
82	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 1 kHz to 5 kHz	Using Multiproduct Calibrator By Direct Method	300 mA to 3 A	0.094 % to 0.492 %
83	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 10 Hz to 45 Hz	Using Multiproduct Calibrator By Direct Method	300 mA to 3 A	0.15 % to 0.144 %
84	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45 Hz to 1 kHz	Using Multiproduct Calibrator By Direct Method	10 A to 20 A	0.1 % to 0.14 %
85	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45 Hz to 1 kHz	Using Multiproduct Calibrator By Direct Method	3 A to 10 A	0.144 % to 0.1 %

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86	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45 Hz to 1 kHz	Using Multiproduct Calibrator By Direct Method	30 µA to 30 mA	0.38 % to 0.079 %
87	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45 Hz to 1 kHz	Using Multiproduct Calibrator By Direct Method	30 mA to 3 A	0.079 % to 0.144 %
88	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 5 kHz to 10 kHz	Using Multiproduct Calibrator By Direct Method	33 mA to 330 mA	0.42 % to 3.24 %
89	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 5 kHz to 10 kHz	Using Multiproduct Calibrator By Direct Method	330 mA to 2.99 A	3.24 % to 2.071 %
90	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Multiproduct Calibrator with Current Coil by Direct Method	20 A to 1000 A	1.06 % to 0.67 %
91	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Current Calibrator By Direct Method	20 A to 50 A	0.38 % to 0.33 %

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92	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @10 Hz to 45 Hz	Using Multiproduct Calibrator By Direct Method	3 mA to 300 mA	0.16 % to 0.15 %
93	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @10 Hz to 45 Hz	Using Multiproduct Calibrator By Direct Method	30 µA to 3 mA	0.42 % to 0.16 %
94	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz to 8 kHz	Using Multiproduct Calibrator as Source By Direct Method	1 mV to 30 mV	0.48 % to 0.033 %
95	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz to 8 kHz	Using Multiproduct Calibrator By Direct Method	3 V to 300 V	0.014 % to 0.022 %
96	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz to 8 kHz	Using Multiproduct Calibrator By Direct Method	30 mV to 300 mV	0.033 % to 0.014 %
97	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz to 8 kHz	Using Multiproduct Calibrator By Direct Method	300 mV to 3 V	0.014 %

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98	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz to 8 kHz	Using Multiproduct Calibrator By Direct Method	300 V to 1000 V	0.022 % to 0.027 %
99	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 10 Hz to 1 kHz	Using Multiproduct Calibrator as Source By Direct Method	1 mV to 30 mV	0.8 % to 0.09 %
100	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 10 Hz to 1 kHz	Using Multiproduct Calibrator as Source By Direct Method	3 V to 30 V	0.03 % to 0.034 %
101	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 10 Hz to 1 kHz	Using Multiproduct Calibrator By Direct Method	30 mV to 300 mV	0.09 % to 0.036 %
102	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 10 Hz to 1 kHz	Using Multiproduct Calibrator By Direct Method	300 mV to 3 V	0.036 % to 0.03 %
103	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 100 kHz to 450 kHz	Using Multiproduct Calibrator By Direct Method	30 mV to 3 V	0.76 % to 0.21 %

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104	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 18 kHz to 100 kHz	Using Multiproduct Calibrator By Direct Method	30 mV to 100 V	0.036 % to 0.2 %
105	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 45 Hz to 1 kHz	Using Multiproduct Calibrator By Direct Method	33 V to 330 V	0.03 %
106	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 45 Hz to 1 kHz	Using Multiproduct Calibrator By Direct Method	330 V to 1000 V	0.03 % to 0.028 %
107	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 8 kHz to 18 kHz	Using Multiproduct Calibrator By Direct Method	1 mV to 300 mV	0.482 % to 0.036 %
108	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 8 kHz to 18 kHz	Using Multiproduct Calibrator By Direct Method	30 V to 300 V	0.021 % to 0.022 %
109	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 8 kHz to 18 kHz	Using Multiproduct Calibrator By Direct Method	300 mV to 30 V	0.015 % to 0.021 %

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110	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @ 1 kHz	Using Multiproduct Calibrator as Source By Direct Method	220 pF to 110 nF	3.92 % to 0.3 %
111	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @ 100 Hz	Using Multiproduct Calibrator as Source By Direct Method	110 nF to 110 µF	0.3 % to 0.44 %
112	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Decade Inductance Box By Direct Method	1 mH to 10 H	2.34 %
113	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Power Factor @ 230 V, 5 A, 50 Hz (Single Phase)	Using Multiproduct Calibrator By Direct Method	1 PF to 0.2 PF (Lead/Lag)	0.0003 PF to 0.002 PF
114	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	0.1 µA to 1 µA	0.78 % to 0.0071 %
115	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter By Direct Method	1 µA to 10 µA	0.0071 % to 0.0074 %

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116	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	1 µA to 10 µA	0.0192 % to 0.0174 %
117	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter By Direct Method	1 A to 10 A	0.014 % to 0.12 %
118	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 3 Phase Measurement with Source by Comparison Method	1 A to 10 A	0.13 % to 0.17 %
119	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Precision Power Meter and Multiproduct Calibrator By Comparision Method	1 A to 30 A	0.14 % to 0.12
120	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Precision Power Meter By Direct Method	1 A to 30 A	0.14 % to 0.12 %
121	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter By Direct Method	1 mA to 10 mA	0.0033 %

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122	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	1 mA to 10 mA	0.0036 %
123	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 µA to 100 µA	0.0174 % to 0.0053 %
124	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter By Direct Method	10 µA to 100 µA	0.0046 % to 0.0045 %
125	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Current Shunt with DMM by Direct Method	10 A to 100 A	0.26 % to 0.38 %
126	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Current Shunt with DMM by Comparison Method	10 A to 100 A	0.26 % to 0.49 %
127	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter By Direct Method	10 mA to 100 mA	0.0033 % to 0.0049 %

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128	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	10 mA to 100 mA	0.0033 % to 0.005 %
129	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter By Direct Method	100 µA to 1 mA	0.0045 % to 0.0033 %
130	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 µA to 1 mA	0.0053 % to 0.0033 %
131	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Current Transducer, Digital Multimeter and Multiproduct Calibrator by Comparison Method	100 A to 850 A	0.096 % to 0.052 %
132	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Current Transducer & Digital Multimeter by Direct Method	100 A to 850 A	0.182 % to 0.052 %

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133	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter By Direct Method	100 mA to 1 A	0.0049 % to 0.014 %
134	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 mA to 1 A	0.005 % to 0.014 %
135	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 3 Phase Measurement Standard with Source by Comparison Method	100 mA to 1 A	0.35 % to 0.13 %
136	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter By Direct Method	100 nA to 1 µA	0.052 % to 0.0072 %
137	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Current Transducer, Digital Multimeter and Multiproduct Calibrator by Comparison Method	20 A to 100 A	0.49 % to 0.096 %

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138	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using High Precision Current Transducer & 8½ Digit Multimeter by Direct Method	20 A to 100 A	0.49 % to 0.096 %
139	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Probe with Digital Multimeter by Direct Method	1 kV to 6 kV	1.31 % to 1.17
140	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Kit & HV Probe with Multimeter by Comparison Method	1 kV to 6 kV	1.31 % to 1.17 %
141	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Probe with Digital Multimeter by Direct Method	5 kV to 40 kV	2.29 % to 2.003
142	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Kit & HV Probe with Multimeter by Comparison Method	5 kV to 40 kV	2.29 % to 2.003 %
143	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Power (10 V to 500 V, 0.1 A to 20 A)	Using 3 Phase Reference Standard with Source by Comparison Method	1 W to 10 kW	0.92 % to 0.16 %

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144	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Power (10 V to 500 V, 0.1 A to 20 A)	Using 3 Phase Reference Standard with Source by Direct Method	1 W to 10 kW	0.92 % to 0.16 %
145	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Power (500 V to 1000 V) (20 A to 30 A)	Using 3 Phase Reference Standard with Source by Direct Method	10 kW to 30 kW	0.08 % to 0.35 %
146	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Power (500 V to 1000 V) (20 A to 30 A)	Using 3 Phase Reference Standard with Source by Comparison Method	10 kW to 30 kW	0.16 % to 0.35 %
147	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Power (500 V to 1000 V) (20 A to 30 A)	Using 3 Phase Reference Standard with Source by Direct Method	10 W to 30 kW	0.16 % to 0.35 %
148	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter By Direct Method	0.1 mV to 1 mV	1.4 % to 0.13 %
149	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	0.1 mV to 1 mV	1.4 % to 0.13 %

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150	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter By Direct Method	1 mV to 100 mV	0.13 % to 0.0022 %
151	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	1 mV to 100 mV	0.13 % to 0.0022 %
152	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter By Direct Method	1 V to 100 V	0.0011 % to 0.0012 %
153	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	1 V to 100 V	0.0011 % to 0.0012 %
154	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter By Direct Method	100 mV to 1 V	0.0022 % to 0.0011 %
155	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 mV to 1 V	0.0022 % to 0.0011 %

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156	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter By Direct Method	100 V to 1000 V	0.0012 %
157	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter with Multiproduct Calibrator By Comparison Method	100 V to 1000 V	0.00124 % to 0.00121 %
158	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 3 Phase Reference Standard with Source by Comparison Method	40 V to 480 V	0.02 % to 0.13
159	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (2 wire)	Using 8½ Digit Multimeter By Direct Method	10 Mohm to 100 Mohm	0.0072 % to 0.0138 %
160	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (2 Wire)	Using 8½ Digit Multimeter By Direct Method	100 kOhm to 10 Mohm	0.0014 % to 0.0072 %
161	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (2 Wire)	Using 8½ Digit Multimeter By Direct Method	100 Mohm to 1 Gohm	0.0138 % to 0.58 %

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162	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (4 wire)	Using Milli Ohm Meter By Direct Method	0.001 Ohm to 1 Ohm	1.28 % to 0.62 %
163	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (4 wire)	Using 8½ Digit Multimeter By Direct Method	1 Ohm to 100 Ohm	0.0078 % to 0.0021 %
164	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (4 Wire)	Using Multiproduct Calibrator, Current Source & 8½ Digit Multimeter by V/I Method	50 µOhm to 150 mOhm	1.16 % to 0.036 %
165	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (4wire)	Using 8½ Digit Multimeter By Direct Method	100 Ohm to 100 kOhm	0.0021 % to 0.0014 %
166	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance(4Wire)	Using Multiproduct Calibrator, Current Source & 8½ Digit Multimeter by V/I Method	150 mOhm to 10 Ohm	0.031 % to 0.033 %
167	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multiproduct Calibrator By Direct Method	1 A to 10 A	0.019 % to 0.043 %

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168	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multiproduct Calibrator By Direct Method	1 mA to 100 mA	0.012 % to 0.010 %
169	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multiproduct Calibrator By Direct Method	10 µA to 1 mA	0.17 % to 0.012 %
170	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multiproduct Calibrator By Direct Method	10 A to 20 A	0.043 % to 0.081 %
171	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multiproduct Calibrator By Direct Method	100 mA to 1 A	0.010 % to 0.019 %
172	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multiproduct Calibrator By Direct Method Using Current Coil	20 A to 1000 A	0.081 % to 0.64 %
173	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Current Calibrator By Direct Method	20 A to 80 A	0.474 % to 0.34 %

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174	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Power (1 V to 1000 V, 0.1 A to 20 A)	Using Multiproduct Calibrator By Direct Method	0.1 W to 20 kW	0.113 % to 0.062 %
175	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 Wire)	Using Fixed Resistors By Direct Method	1 mohm	0.66 %
176	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 Wire)	Using Fixed Resistors By Direct Method	10 mohm	0.66 %
177	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 Wire)	Using Fixed Resistors By Direct Method	100 mohm	0.66 %
178	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 Wire)	Using Fixed Resistors By Direct Method	150 mohm	0.66 %
179	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 Wire)	Using Fixed Resistors By Direct Method	5 mohm	0.66 %

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180	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multiproduct Calibrator By Direct Method	0.1 mV to 1 mV	0.86 % to 0.087 %
181	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multiproduct Calibrator By Direct Method	1 mV to 100 mV	0.087 % to 0.003 %
182	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multiproduct Calibrator By Direct Method	100 mV to 100 V	0.0032 %
183	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multiproduct Calibrator By Direct Method	100 V to 1000 V	0.003 % to 0.002 %
184	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance (2 Wire)	Using Decade Megohm Box By Direct Method	100 kohm to 10 Gohm	2.314 % to 2.6 %
185	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance (2 Wire) @ 1 kV	Using Decade Megohm box By Direct Method	10 Gohm to 1 Tohm	2.62 % to 2.69 %

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186	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Decade Resistance Box By Direct Method	0.001 Ohm to 1 Ohm	0.52 % to 0.62 %
187	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Multiproduct Calibrator By Direct Method	1 MOhm to 10 MOhm	0.003 % to 0.010 %
188	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Multiproduct Calibrator By Direct Method	10 MOhm to 100 MOhm	0.010 % to 0.041 %
189	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Multiproduct Calibrator By Direct Method	100 kOhm to 1 MOhm	0.002 % to 0.003 %
190	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Multiproduct Calibrator By Direct Method	100 MOhm to 1000 MOhm	0.041 % to 1.170 %
191	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Multiproduct Calibrator By Direct Method	1 Ohm to 10 Ohm	0.0062 % to 0.004 %

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192	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Multiproduct Calibrator By Direct Method	10 Ohm to 100 Ohm	0.004 % to 0.003 %
193	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Standard Shunt by Direct Method	100 µOhm	0.22 %
194	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Multiproduct Calibrator By Direct Method	100 Ohm to 100 kOhm	0.003 % to 0.0024 %
195	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Standard Shunt by Direct Method	50 µOhm	0.30 %
196	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Standard Shunt by Direct Method	500 µOhm	0.10 %
197	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Standard Shunt by Direct Method	75 µOhm	0.21 %

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198	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Standard Shunt by Direct Method	750 µOhm	0.10 %
199	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	CT & PT Burden Box	Using Precision Power Meter & Digit Multimeter By Direct Method	1 VA to 250 VA	2.91 % to 0.45 %
200	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Oscilloscope (Voltage, Amplitude) @ 50 Ohm	Using Multiproduct Calibrator By Direct Method	1 mV to 5 V	0.66 % to 0.045 %
201	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope (Time Marker)	Using Multiproduct Calibrator By Direct Method	2 ns to 5 s	0.058 % to 0.58 %
202	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope (Voltage, Amplitude) @ 1 Mohm	Using Multiproduct Calibrator By Direct Method	1 mV to 130 Vp-p	0.65 % to 0.054 %
203	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope (Voltage, Amplitude) @ 1 Mohm	Using Multiproduct Calibrator By Direct Method	1 mV to 130 V (DC Signal)	0.63 % to 0.095 %

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204	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope (Voltage, Amplitude) @ 50 Ohm	Using Multiproduct Calibrator By Direct Method	1 mV to 5 Vp-p	0.67 % to 0.068 %
205	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope (Bandwidth) (Amplitude - upto 1.3 V)	Using Multiproduct Calibrator By Direct Method	50 kHz to 1.1 GHz	2.97 % to 6.33 %
206	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'B' Type Thermocouple	Using Thermometer Readout By Direct Method	200 °C to 400 °C	0.16 °C
207	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'B' Type Thermocouple	Using Thermometer Readout By Direct Method	400 °C to 1820 °C	0.05 °C
208	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'E' Type Thermocouple	Using Thermometer Readout By Direct Method	(-)250 °C to 1372 °C	0.05 °C
209	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'J' Type Thermocouple	Using Thermometer Readout By Direct Method	(-)250 °C to 1372 °C	0.04 °C

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210	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'K' Type Thermocouple	Using Thermometer Readout By Direct Method	(-)250 °C to 1372 °C	0.04 °C
211	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'N' Type Thermocouple	Using Thermometer Readout By Direct Method	(-)250 °C to 1372 °C	0.04 °C
212	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'R' Type Thermocouple	Using Thermometer Readout By Direct Method	(-)50 °C to 10 °C	0.2 °C
213	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'R' Type Thermocouple	Using Thermometer Readout By Direct Method	10 °C to 250 °C	0.04 °C
214	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'R' Type Thermocouple	Using Thermometer Readout By Direct Method	250 °C to 1760 °C	0.04 °C
215	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'S' Type Thermocouple	Using Thermometer Readout By Direct Method	(-)50 °C to 10 °C	0.2 °C

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216	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'S' Type Thermocouple	Using Thermometer Readout By Direct Method	10 °C to 1760 °C	0.04 °C
217	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	'T' Type Thermocouple	Using Thermometer Readout By Direct Method	10 °C to 400 °C	0.045 °C
218	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD (Pt 100)	Using Thermometer Readout By Direct Method	(-)200 °C to 100 °C	0.13 °C
219	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD (Pt 100)	Using Thermometer Readout By Direct Method	100 °C to 300 °C	0.17 °C
220	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD (Pt 100)	Using Thermometer Readout By Direct Method	300 °C to 600 °C	0.27 °C
221	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	'N' Type Thermocouple	Using Multiproduct Calibrator By Direct Method	(-)200 °C to 1300 °C	0.31 °C

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222	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	'B' Type Thermocouple	Using Multiproduct Calibrator By Direct Method	600 °C to 1800 °C	0.35 °C
223	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	'E' Type Thermocouple	Using Multiproduct Calibrator By Direct Method	(-)200 °C to 1000 °C	0.39 °C
224	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	'J' Type Thermocouple	Using Multiproduct Calibrator By Direct Method	(-)200 °C to 1200 °C	0.21 °C
225	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	'K' Type Thermocouple	Using Multiproduct Calibrator By Direct Method	(-)200 °C to 1350 °C	0.31 °C
226	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	'R' Type Thermocouple	Using Multiproduct Calibrator By Direct Method	10 °C to 1750 °C	0.44 °C
227	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	'S' Type Thermocouple	Using Multiproduct Calibrator By Direct Method	10 °C to 1750 °C	0.44 °C

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228	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	'T' Type Thermocouple	Using Multiproduct Calibrator By Direct Method	(-)200 °C to 400 °C	0.5 °C
229	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD (Pt 100)	Using Multiproduct Calibrator By Direct Method	(-)200 °C to 800 °C	0.18 °C
230	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using Frequency Counter by Direct Method	10 Hz to 500 MHz	0.0145 % to 0.000202 %
231	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using Frequency Counter by Direct Method	500 MHz to 20 GHz	0.00002 % to 0.00017 %
232	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Programmable Timer by Direct Method	1 s to 10000 s	5.83 % to 0.104 %
233	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Programmable Timer / Stop Watch by Comparison Method	10 s to 86400 s	0.59 % to 0.16 %

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234	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multiproduct Calibrator by Direct Method	10 Hz to 2 MHz	0.00026 % to 0.00021 %
235	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Signal Generator by Direct Method	5 kHz to 6 GHz	0.00029 % to 0.00028
236	MECHANICAL-ACCELERATION AND SPEED	Centrifuge (Non Contact Type) / RPM Sensor with indicator	Digital Tachometer by Comparison method	51 rpm to 100 rpm	2.45 %
237	MECHANICAL-ACCELERATION AND SPEED	Centrifuge / RPM Sensor with Indicator - Non Contact Type	Digital Tachometer by Comparison Method	101 rpm to 5000 rpm	1.27 %
238	MECHANICAL-ACCELERATION AND SPEED	Centrifuge, RPM Sensor with indicator - Non Contact Type	Digital Tachometer by Comparison Method	12 rpm to 50 rpm	11.5 %
239	MECHANICAL-ACCELERATION AND SPEED	Centrifuge, RPM Sensor with Indicator - Non Contact Type	Digital Tachometer by Comparison Method	5001 rpm to 20000 rpm	0.12 %

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240	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Profile Projector / Video Measuring System (L.C.: 1 second) - Angle	Using Angular Glass Graticule by Comparison Method	0 ° to 360 °	7.7 minute of arc
241	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Profile Projector / Video Measuring System (L.C.: 0.1 µm) - Length	Using Glass Scale & Gauge Block By Comparison Method	0 to 300 mm	7.8 µm
242	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Profile Projector / Video Measuring System / Microscope - Magnification	Using Glass Scale & Gauge Block By Comparison Method	10 X to 100 X	0.52 %
243	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Surface Plate	Using Electronic Level by Comparison Method	3000 mm to X 2000 mm	1.50 sqrt((L+W)/100) µm where L and W are in mm

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244	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Digital / Analog Pressure Gauge, Pressure Transducer / Sensor / Transmitter / Switch with or without Indicator / Calibrator / Controller / Recorder	Using Pressure Indicator with Hydraulic Pump, DMM by Comparison Method as per DKD R 6-1	20 bar to 200 bar	0.15 bar
245	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Digital / Analog Pressure Gauge, Pressure Transducer / Sensor / Transmitter / Switch with or without Indicator / Calibrator / Controller / Recorder	Using Pressure Indicator with Hydraulic Pump, DMM by Comparison Method as per DKD R 6-1	200 bar to 700 bar	0.7 bar
246	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Pressure Transducer / Sensor / Transmitter / Switch with or without Indicator / Calibrator / Controller / Recorder	Using Pressure Indicator with Hydraulic Pump, DMM by Comparison Method as per DKD R 6-1	700 bar to 1000 bar	1.37 bar

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247	MECHANICAL-PRESSURE INDICATING DEVICES	Magnehelic Gauge (Digital / Analog), Pneumatic Pressure, Differential Pressure Transmitter, Low Pressure Indicator / Transducer	Using Pressure Indicator with Pnuematic Pressure Pump, DMM by Comparison Method Based on DKD R6-1	0.25 mbar to 2.50 mbar	0.06 mbar
248	MECHANICAL-PRESSURE INDICATING DEVICES	Magnehelic Gauge (Digital / Analog), Pneumatic Pressure, Differential Pressure Transmitter, Low Pressure Indicator / Transducer	Using Digital Manometer with Pnuematic Pressure Pump, DMM by Comparison Method as per DKD R 6-1	10 mbar to 100 mbar	0.1 mbar
249	MECHANICAL-PRESSURE INDICATING DEVICES	Magnehelic Gauge (Digital / Analog), Pneumatic Pressure, Differential Pressure Transmitter, Low Pressure Indicator / Transducer	Using Digital Manometer with Pnuematic Pressure Pump, DMM by Comparison Method as per DKD R 6-1	2.5 mbar to 25 mbar	0.04 mbar
250	MECHANICAL-PRESSURE INDICATING DEVICES	Pnuematic Pressure - Digital / Analog Pressure Gauge, Pressure Transducer / Sensor / Transmitter / Switch with or without Indicator / Calibrator / Controller / Recorder	Using Digital Pressure Indicator with Pnuematic Pressure Pump, DMM by Comparison Method as per DKD R 6-1	0 to 2 bar	0.002 bar

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251	MECHANICAL-PRESSURE INDICATING DEVICES	Pnuematic Pressure - Digital / Analog Pressure Gauge, Pressure Transducer / Sensor / Transmitter / Switch with or without Indicator / Calibrator / Controller / Recorder	Using Digital Pressure Indicator with Pnuematic Pressure Pump, DMM by Comparison Method as per DKD R 6-1	2 bar to 20 bar	0.015 bar
252	MECHANICAL-PRESSURE INDICATING DEVICES	Vacuum Pressure - Digital / Analog Vacuum Gauge, Vacuum Transducer / Sensor / Transmitter / Switch with or without Indicator / Calibrator / Controller / Recorder	Using Digital Pressure Indicator with Pneumatic Pressure Pump, DMM by Comparison Method as per DKD R 6-1	(-) 0.8 bar to 0	0.002 bar
253	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Verification of Displacement Measuring System and Device used in Material Testing Machine	Using Precision Height Gauge and Length Measuring Instruments as per ASTM E 2309	0 to 600 mm	0.05 mm

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254	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Verification of Speed for Material Testing Machine	Using Precision Height Gauge, Length Measuring Instruments & Electronic Stopwatch as per ASTM E 2658	1 mm/minute to 600 mm/minute	0.7 mm/minute
255	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Verification of static Uniaxial Testing Machine (Compression Testing Machine, Universal Load, Spring Testing Machine, Force Testing Machine) Class - I and Coarser (Compression Mode)	Using Class 00, Class 0.5 Load Cell with Indicator as per the IS 1828(Part 1):2022	100 N to 1000 N	1 %
256	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Verification of Static Uniaxial Testing Machine (Tensile Testing Machine, Universal Load Testing Machine, Spring Testing Machine, Force Testing Machine) Class - I and Coarser (Tension Mode)	Using Class 00, Class 0.5 Load Cell with Indicator as per IS 1828(Part 1):2022	1 kN to 10 kN	1 %

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257	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Verification of Static Uniaxial Testing Machine (Tensile Testing Machine, Universal Load Testing Machine, Spring Testing Machine, Force Testing Machine) Class - I and Coarser (Tension Mode)	Using Class 00, Class 0.5 Load Cell with Indicator as per IS 1828(Part 1):2022	10 kN to 200 kN	1 %
258	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Verification of Static Uniaxial Testing Machine (Tensile Testing Machine, Universal Load Testing Machine, Spring Testing Machine, Force Testing Machine) Class - I and Coarser (Tension Mode)	Using Class 00, Class 0.5 Load Cell with Indicator as per IS 1828(Part 1):2022	10 N to 100 N	1 %

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259	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Verification of Static Uniaxial Testing Machine (Tensile Testing Machine, Universal Load Testing Machine, Spring Testing Machine, Force Testing Machine) Class - I and Coarser (Tension Mode)	Using Class 00, Class 0.5 Load Cell with Indicator as per IS 1828(Part 1):2022	100 N to 1000 N	1 %
260	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Verification of Static Uniaxial Testing Machine (Universal Load Testing Machine, Spring Testing Machine, Force Testing Machine) Class - I and Coarser (Compression Mode)	Using Class-I Proving Ring as per IS 1828(Part 1):2022	10 kN to 200 kN	1 %
261	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Verification of Static Uniaxial Testing Machine (Universal Load Testing Machine, Spring Testing Machine, Force Testing Machine) Class - I and Coarser (Compression Mode)	Using Class 00, Class 0.5 Load Cell with Indicator as per IS 1828(Part 1):2022	1 kN to 10 kN	1 %

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262	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Verification of Static Uniaxial Testing Machine (Universal Load Testing Machine, Spring Testing Machine, Force Testing Machine) Class - I and Coarser (Compression Mode)	Using Class 00, Class 0.5 Load Cell with Indicator as per IS 1828(Part 1):2022	10 N to 100 N	1 %
263	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Verification of Static Uniaxial Testing Machine (Universal Load Testing Machine, Spring Testing Machine, Force Testing Machine) Class - I and Coarser (Compression Mode)	Using Class - 1 Master Proving Ring as per IS 1828(Part 1):2022	200 kN to 2000 kN	0.6 %
264	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance - Class I & Coarser (Readability : 0.01 mg)	Using E1 Class Weights and Procedure based on OIML R76-1:2006	5 g to 220 g	0.077 mg
265	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance - Class I & Coarser (Readability : 0.001 mg)	Using E1 Class Weights and Procedure based on OIML R76-1:2006	1 mg to 5 g	0.03 mg

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266	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance - Class II & Coarser (Readability : 0.001 g)	Using E2 Class Weights and Procedure based on OIML R76-1:2006	220 g to 3 kg	1.86 mg
267	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance - Class II & Coarser (Readability : 0.01 g)	Using E2 Class Weights and Procedure based on OIML R76-1:2006	3 kg to 10 kg	19.6 mg
268	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance - Class III & Coarser (Readability : 0.1 g)	Using E2 Class Weights and Procedure based on OIML R76-1:2006	10 kg to 35 kg	64.4 mg
269	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance - Class III & Coarser (Readability : 1 g)	Using F1 Class Weights and Procedure based on OIML R76-1:2006	35 kg to 100 kg	1 g
270	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance - Class IIII & Coarser (Readability : 10 g)	Using F1 & M1 Class Weights and Procedure based on OIML R76-1:2006	100 kg to 200 kg	10 g
271	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance - Class IIII & Coarser (Readability : 100 g)	Using F1 and M1 Class Weights and Procedure based on OIML R76-1:2006	300 kg to 1000 kg	150 g
272	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance - Class IIII & Coarser (Readability : 20 g)	Using F1 & M1 Class Weights and Procedure based on OIML R76-1:2006	200 kg to 300 kg	16 g

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273	THERMAL-SPECIFIC HEAT & HUMIDITY	RH Indicator with Senor of Humidity Chamber, Climatic Chamber, Hot and Cold Chamber @ 10 °C to 50 °C (Single Position Calibration)	Using Temperature & Humidity Meter by Comparison Method	25 %rh to 95 %rh	1.6 %rh
274	THERMAL-SPECIFIC HEAT & HUMIDITY	RH Indicator with Senor of Humidity Chamber, Dry Cabinet, Climatic Chamber, Hot and Cold Chamber @ 10 °C to 50 °C (Multi Position Calibration)	Using Temperature & Humidity Data Loggers (Minimum 9) by Direct method	25 %rh to 95 %rh	4.2 %rh
275	THERMAL-SPECIFIC HEAT & HUMIDITY	Thermo Hygrometer / Temperature & Humidity Data Logger / Temperature & Humidity Transmitter @ 30 °C	Using Temperature & Humidity Meter with Salt Solution and 6½ Digital Multimeter by Comparison Method	25 %rh to 95 %rh	1.5 %rh
276	THERMAL-TEMPERATURE	RTD, Thermocouple, Digital Thermometer, Temperature Transmitter With & Without Indicator	Using SSPRT with Indicator, 6½ Digital Multimeter and Dry Block Calibrator by Comparison Method	(-)30 °C to 100 °C	0.15 °C

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277	THERMAL-TEMPERATURE	RTD, Thermocouple, Digital Thermometer, Temperature Transmitter With & Without Indicator	Using SSPRT with Indicator, 6½ Digital Multimeter and Dry Block Calibrator by Comparison Method	100 °C to 450 °C	0.22 °C
278	THERMAL-TEMPERATURE	Temperature Indicator with Senor of Industrial Freezer, Liquid Bath, Temperature Chamber (Multi Position Calibration)	Using RTD Sensors (Minimum 9) with Data Logger by Comparison Method	(-)80 °C to 25 °C	1.9 °C
279	THERMAL-TEMPERATURE	Temperature Indicator with Senor of Muffle Furnace, Oven, Liquid Bath (Multi Position Calibration)	Using N type Thermocouples (Minimum 9) with Data Logger by Comparison Method	200 °C to 1200 °C	3.7 °C
280	THERMAL-TEMPERATURE	Temperature Indicator with Senor of Muffle Furnace, Oven, Liquid Bath (Single Position Calibration)	Using S type Thermocouple with Indicator by Comparison Method	200 °C to 1200 °C	1.9 °C

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281	THERMAL-TEMPERATURE	Temperature Indicator with Senor of Water Bath, Oven, Liquid Bath, Temperature Chamber, Incubator (for non medical purpose) (Multi Position Calibration)	Using RTD Sensors (Minimum 9) with Data Logger by Comparison Method	25 °C to 200 °C	2 °C
282	THERMAL-TEMPERATURE	Temperature Indicator with Senosr of Industrial Freezer, Liquid Bath, Temperature Chamber (Single Position Calibration)	Using RTD with Indicator by Comparison Method	(-)80 °C to 25 °C	0.8 °C
283	THERMAL-TEMPERATURE	Temperature Indicator with Senosr of Water Bath, Oven, Liquid Bath, Temperature Chamber, Incubator (for non medical purpose) (Single Position Calibration)	Using RTD Sensor with Indicator by Comparison Method	25 °C to 200 °C	0.8 °C
284	THERMAL-TEMPERATURE	Thermocouple, Temperature Transmitter / Sensor With & Without Indicator	Using S type Thermocouple with Indicator, 6½ Digital Multimeter and Dry Block Calibrator by Comparison Method	450 °C to 1200 °C	1.72 °C

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