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Permanent Facility					
1	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @50 Hz	Using Standard Current Transformer with 6 ½ Digit Multimeter by Direct Method	10 A to 7500 A	0.4%
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @50 Hz to 1 kHz	Using 6 ½ Digit Multimeter by Direct Method	0.2 mA to 100 mA	0.39 % to 0.18 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @50 Hz to 1 kHz	Using 6 ½ Digit Multimeter by Direct Method	100 mA to 10 A	0.18 % to 0.29 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @50 Hz to 1 kHz	Using 6 ½ Digit Multimeter by Direct Method	30 µA to 200 µA	0.26 % to 0.39 %

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5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @50 Hz	Using Standard PT and 6 ½ DMM by Direct Method	1 kV to 11 kV	0.2%
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC HIGH VOLTAGE @50 Hz	Using HV Divider with kV meter by Comparison Method	1 kV to 40 kV	3.3%
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @50 Hz	Using HV Divider with indicator and HV Probe with DMM by Direct Method	11 kV to 25 kV	3.2%
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @1 kHz	Using 6 ½ Digit Multimeter by Direct Method	1 mV to 20 mV	4.72 % to 0.33 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @50 Hz to 1 kHz	Using 6 ½ Digit Multimeter by Direct Method	10 mV to 1000 V	0.54 % to 0.10 %

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10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 10Hz to 1kHz	Using Multiproduct calibrator by Direct Method	29 µA to 1 A	0.65% to 0.22%
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45Hz to 1kHz	Using Multiproduct calibrator by Direct Method	1 A to 20 A	0.17% to 0.22%
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50Hz	Using Multiproduct calibrator with Current Coil by Direct Method	20 A to 1000 A	1.10%
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @50 Hz	Using MPC with Current Coil by Direct Method	20 A to 1000 A	0.75%
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @50 Hz to 1 kHz	Using Multi Product Calibrator by Direct Method	10 A to 20 A	0.53 % to 0.69 %
15	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @50 Hz to 1 kHz	Using Multi Product Calibrator by Direct Method	3 mA to 2 A	0.3 % to 0.41 %

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16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @50 Hz to 1 KHz	Using Multi Product Calibrator by Direct Method	30 µA to 3 mA	3.40 % to 0.3 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @50Hz to 1 kHz	Using Multi Product Calibrator by Direct Method	2 A to 10 A	0.41 % to 0.53 %
18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC POWER @ 50 HZ (120 V - 240 V, 0.1 A - 20 A, 0.1 - UPF)	Using Multiproduct calibrator by Direct Method	1.2 W to 4.8 kW	4.7 % to 0.4%
19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Power @50H; z0.1 to UPF, 120 V to 240 V, 0.1A to 20 A	Using Multi Product Calibrator with Power Option by Direct Method	1.2 W to 4.8 kW	2.9 % to 0.8 %
20	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC voltage @ 10Hz to 1kHz	Using Multiproduct calibrator by Direct Method	1 mV to 300 mV	2.6% to 0.07%
21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC voltage @ 1kHz to 10kHz	Using Multiproduct calibrator by Direct Method	300 mV to 1000 V	0.08% to 0.1%

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22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC voltage @ 50Hz to 1kHz	Using Multiproduct calibrator by Direct Method	300 mV to 1000 V	0.08%
23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @50 Hz to 1 kHz	Using Multi Product Calibrator by Direct Method	10 mV to 300 mV	1.1 % to 0.21 %
24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @50 Hz to 1 kHz	Using Multi Product Calibrator by Direct Method	30 V to 1000 V	0.15 % to 0.20 %
25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @50 Hz to 1 kHz	Using Multi Product Calibrator by Direct Method	300 mV to 30 V	0.21 % to 0.15 %
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @ 1 kHz	Using Decade Capacitance Box by Direct Method	10 pF to 1 nF	2.98 % to 1.2 %
27	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1 kHz	Using Decade Capacitance Box by Direct Method	100 nF to 99 µF	1.3 % to 0.80 %

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28	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1kHz	Using Decade Capacitance Box by Direct Method	1 nF to 100 nF	1.3%
29	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @1 kHz	Using Decade Inductance Box by Direct Method	1 mH to 10 H	1.53 % to 2.0 %
30	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Power Factor @50 Hz	Using Multi Product Calibrator with Power Option by Direct Method	± 0.1 PF to UPF	0.03PF
31	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ Digit Multimeter by Direct Method	10 µA to 100 mA	0.36 % to 0.064 %
32	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ Digit Multimeter by Direct Method	100 mA to 3 A	0.064 % to 0.19 %
33	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ Digit Multimeter by Direct Method	3 A to 10 A	0.19%

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34	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Divider with KV Meter & HV Probe with DMM By Comparison Method	1 kV to 40 kV	3.3%
35	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance	Using 6 ½ Digit Multimeter by Direct Method	100 Mohm to 1000 Mohm	0.94 % to 2.31 %
36	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (4 wire)	Using 6 ½ Digit Multimeter by V/I Method	1 mohm to 1 ohm	0.42 % to 0.36 %
37	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (4 wire)	Using 6 ½ Digit Multimeter by Direct Method and Voltage/ Current Method	1 ohm to 1 Mohm	0.36 % to 0.013 %
38	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6 ½ Digit Multimeter by Direct Method	1 mV to 100 mV	0.42 % to 0.085 %
39	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6 ½ Digit Multimeter by Direct Method	100 mV to 1000 V	0.085 % to 0.007 %

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40	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC CURRENT	Using Multiproduct calibrator by Direct Method	1 µA to 1 A	2.4% to 0.08%
41	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC CURRENT	Using Multiproduct calibrator by Direct Method	1 A to 20 A	0.08% to 0.17%
42	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi Product Calibrator by Direct Method	10 µA to 100 µA	1.3 % to 0.2 %
43	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi Product Calibrator by Direct Method	100 µA to 3 mA	0.2 % to 0.08 %
44	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi Product Calibrator by Direct Method	2 A to 10 A	0.24 % to 0.32 %
45	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC CURRENT	Using Multiproduct calibrator with Current Coil by Direct Method	20 A to 1000 A	0.14% to 1.1%

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46	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using MPC With Current Coil by Direct Method	20 A to 1000 A	0.64%
47	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi Product Calibrator by Direct Method	3 mA to 300 mA	0.08 % to 0.09 %
48	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Power (1V to 600V, 1A to 20A)	Using Multiproduct calibrator by Direct Method	1 kW to 12 kW	3.1% to 1.1%
49	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Power (1V to 600V, 1A to 20A)	Using Multiproduct calibrator by Direct Method	1 W to 1 kW	4.4% to 3.1%
50	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Power @ 15 V to 600 V, 0.1A to 20 A	Using Multiproduct Calibrator with Power Option by Direct Method.	1.5 W to 12 kW	3.9 % to 0.8 %
51	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	1 kohm	0.03%

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52	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Decade Resistance By Direct Method	1 kohm to 100 kohm	0.10 % to 0.50 %
53	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	1 Mohm	0.05%
54	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using DC Shunt by VI Method	1 mohm	0.28%
55	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Decade Resistance By Direct Method	1 ohm to 1000 ohm	0.25 % to 0.10 %
56	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	1.9 kohm	0.03%
57	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	1.9 Mohm	0.05%

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58	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	10 kohm	0.03%
59	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	10 Mohm	0.12%
60	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using DC Shunt by VI Method	10 mohm	0.28%
61	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Decade Resistance By Direct Method	10 mohm to 100 mohm	1.16 % to 0.58 %
62	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	100 kohm	0.04%
63	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using DC Shunt by VI Method	100 mohm	0.28%

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64	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	100 Mohm	0.62%
65	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Decade Resistance By Direct Method	100 mohm to 1 ohm	0.58 % to 0.25 %
66	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	19 kohm	0.03%
67	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	19 Mohm	0.17%
68	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	190 kohm	0.05%
69	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	190 Mohm	1.20%

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70	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	190 ohm	0.05 %
71	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using DC Shunt by VI Method	2 mohm	0.28%
72	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using DC Shunt by VI Method	20 mohm	0.28%
73	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using DC Shunt by VI Method	5 mohm	0.28%
74	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using DC Shunt by VI Method	50 mohm	0.28%
75	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using Decade Resistance By Direct Method	1 mohm to 10 mohm	2.58 % to 1.16 %

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76	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using Multi Product Calibrator by Direct Method	1 ohm	1.20%
77	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using Multi Product Calibrator by Direct Method	1.9 ohm	0.6%
78	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using Multi Product Calibrator by Direct Method	10 ohm	0.20%
79	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using DC Shunt by VI Method	100 µohm	0.28%
80	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using Multi Product Calibrator by Direct Method	100 ohm	0.05%
81	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using Multi Product Calibrator by Direct Method	19 ohm	0.20%

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82	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using DC Shunt by VI Method	250 µohm	0.28%
83	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using DC Shunt by VI Method	500 µohm	0.28 %
84	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using DC Shunt by VI Method	750 µohm	0.28%
85	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC VOLTAGE	Using Multiproduct calibrator by Direct Method	1 mV to 100 mV	0.40% to 0.02%
86	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi Product Calibrator by Direct Method	1 mV to 100 mV	1.2 % to 0.03 %
87	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC VOLTAGE	Using Multiproduct calibrator by Direct Method	100 mV to 1000 V	0.02% to 0.01%

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88	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi Product Calibrator by Direct Method	100 mV to 30 V	0.03 % to 0.01 %
89	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi Product Calibrator by Direct Method	30 V to 1000 V	0.01%
90	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Direct Current	Using MultiProduct Calibrator by Direct Method	10 A to 20 A	0.32 % to 0.6 %
91	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Direct Current	Using Multiproduct Calibrator by direct method	300 mA to 2 A	0.09 % to 0.24 %
92	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance	Using Decade Resistance Box by Direct Method	100 kohm to 1 Tohm	1.2 % to 7.2 %
93	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Multiproduct calibrator by Direct Method	50 Mohm to 1 Gohm	0.55% to 1.8%

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94	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Multiproduct calibrator by Direct Method	30 ohm to 50 Mohm	0.08% to 0.55%
95	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Multiproduct calibrator by Direct Method	1 ohm to 30 ohm	1.2% to 0.08%
96	ELECTRO-TECHNICAL-DIRECT CURRENT (Source,Measure)	DC High Voltage	Using Udeyraj make HV Divider with indicator and HV Probe with DMM by Direct Method	1 kV to 25 kV	2.5%
97	ELECTRO-TECHNICAL-DIRECT CURRENT (Source,Measure)	DC Resistance	Using 6 ½ Digit Multimeter 8846A by Direct Method	1 Mohm to 100 Mohm	0.013 % to 0.94 %
98	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer(Phase Error) 5A (Secondary) 1 % to 120% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	1 A to 3200 A	3.34min

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99	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer(Ratio Error) 5A (Secondary) 1 % to 120% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method.	1 A to 3200 A	0.047%
100	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Active Energy @ 50 Hz (3Ø - 4 wire, 0.1 A to 12 A, 240 V & UPF)	Using Energy Meter by comparison method	24 Wh to 72 kWh	0.3%
101	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer (Phase Error) 1A (Secondary) From 1% to 120% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	1 A to 3200 A	3.65min
102	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer (Phase Error) 1A/5A Secondary from 1% to 120% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	2000 A to 7500 A	3.65min
103	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer (Phase Error) 5A (Secondary) From 5% to 120% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	3000 A to 6000 A	2.6min

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104	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer (Phase Error) 5A (Secondary) From 1% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	3000 A to 6000 A	2.5min
105	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer (Ratio Error) 1A (Secondary) From 1% to 120% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	1 A to 3200 A	0.05%
106	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer (Ratio Error) 1A/5A Secondary from 1% to 120% of Rated Current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	2000 A to 7500 A	0.07%
107	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer (Ratio Error) 5A (Secondary) From 5% to 120% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	3000 A to 6000 A	0.1%
108	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer (Ratio Error) 5A (Secondary) From 1% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	3000 A to 6000 A	0.1%

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109	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Gauss Meter (Magnetic Flux Density)	Using Gauss meter, Standard Reference Magnets by Direct Method/ Comparison method	500 Gauss to 10000 Gauss	6.11%
110	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Transformer Turns Ratio Meter (Ratio)	Using Transformer Ratio Standard by Comparison Method	0.8 ratio to 2021 ratio	0.5 % to 0.3 %
111	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Voltage Ratio	Using 6 ½ Digit Multimeter by Direct Method	0.8 to 2021 ratio	0.30%
112	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Conductivity by Simulation Method	Using Decade Resistance Box & Multifunction Calibrator by Simulation Method.	1 µs to 10000 µs	0.8%
113	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope - Band Width	Using Multiproduct calibrator by Direct Method	1 MHz to 300 MHz	6.8 % to 7.3 %
114	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope - Time Base	Using Multiproduct calibrator by Direct Method	2 ns to 5 s	0.60%

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115	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope - Vertical Deflection	Using Multiproduct calibrator by Direct Method	5 mVp-p to 33 Vp-p	0.70%
116	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	pH Meter by Simulation method	Using Multifunction Calibrator by Simulation Method	0 pH to 14 pH	0.3%
117	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Power Factor	Using Multiproduct calibrator by Direct Method	0.1 PF to 1 PF	0.08PF
118	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - RTD (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator)	Using 6 ½ Digit Multimeter & Multifunction Calibrator by simulation method	(-)200 °C to 800 °C	0.27°C
119	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) B-Type	Using Multifunction Calibrator by simulation method	600 °C to 1820 °C	1.2°C

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120	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) C-Type	Using Multifunction Calibrator by simulation method	200 °C to 2315 °C	1.4°C
121	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) E-Type	Using Multifunction Calibrator by simulation method	(-)270 °C to 1300 °C	0.37°C
122	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) J-Type	Using Multifunction Calibrator by simulation method	(-)200 °C to 1200 °C	0.35°C

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123	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) K-Type	Using Multifunction Calibrator by simulation method	(-)250 °C to 1137 °C	0.47°C
124	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) L-Type	Using Multifunction Calibrator by simulation method	(-)200 °C to 600 °C	0.37°C
125	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) N-Type	Using Multifunction Calibrator by simulation method	(-)270 °C to 1300 °C	0.47°C

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126	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) R-Type	Using Multifunction Calibrator by simulation method	(-)50 °C to 1767 °C	0.9°C
127	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) S-Type	Using Multifunction Calibrator by simulation method	(-)50 °C to 1767 °C	0.8°C
128	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) T-Type	Using Multifunction Calibrator by simulation method	(-)270 °C to 400 °C	0.35°C

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129	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) U-Type	Using Multifunction Calibrator by simulation method	(-)200 °C to 600 °C	0.5°C
130	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - RTD (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator)	Using Multifunction Calibrator by simulation method	(-) 200 °C to 800 °C	0.41°C
131	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) E Type	Using Multifunction Calibrator by simulation method	(-)200 °C to 1000 °C	0.29°C
132	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) J Type	Using Multifunction Calibrator by simulation method	(-)210 °C to 1200 °C	0.35°C

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133	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) K Type	Using Multifunction Calibrator by simulation method	(-)200 °C to 1372 °C	0.46°C
134	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) N Type	Using Multifunction Calibrator by simulation method	(-)200 °C to 1300 °C	0.47°C
135	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) R Type	Using Multifunction Calibrator by simulation method	0 to 1700 °C	0.96°C

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136	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) S Type	Using Multifunction Calibrator by simulation method	0 to 1700 °C	0.85°C
137	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) T Type	Using Multifunction Calibrator by simulation method	(-)200 °C to 400 °C	0.35°C
138	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) U Type	Using Multifunction Calibrator by simulation method	(-)200 °C to 600 °C	0.46°C

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139	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) B Type	Using Multifunction Calibrator by simulation method	600 °C to 1820 °C	1.2°C
140	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) C Type	Using Multifunction Calibrator by simulation method	200 °C to 2315 °C	1.4°C
141	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6 ½ Digit Multimeter by Direct Method	10 Hz to 1 MHz	0.084 % to 0.014 %
142	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Time Interval Meter By Comparison Method	0.1 s to 1 s	0.009 s to 0.013 s
143	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Time Interval Meter By comparison Method	1 hr to 24 hr	0.6 s to 2.3 s

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144	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Time Interval Meter By Comparison Method	1 s to 60 s	0.013 s to 0.017 s
145	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Time Interval Meter By Comparison Method	60 s to 1 hr	0.017 s to 0.6 s
146	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multiproduct calibrator by Direct Method	10 Hz to 1 MHz	0.06%
147	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multi Product Calibrator by Direct Method	45 Hz to 1000 Hz	0.02%
148	MECHANICAL-ACCELERATION AND SPEED	RPM Source (Contact)	Using Digital Tachometer by Direct Method	10 rpm to 100 rpm	1.9rpm
149	MECHANICAL-ACCELERATION AND SPEED	RPM Source (Contact)	Using Digital Tachometer by Direct Method	100 rpm to 1000 rpm	3.8rpm
150	MECHANICAL-ACCELERATION AND SPEED	RPM Source (Contact)	Using Digital Tachometer by Direct Method	1000 rpm to 3000 rpm	3.84 rpm

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151	MECHANICAL-ACCELERATION AND SPEED	Speed RPM Source - (Non-Contact)	Using Digital Tachometer by Direct Method	10 rpm to 5000 rpm	2.1rpm
152	MECHANICAL-ACCELERATION AND SPEED	Speed RPM Source - (Non-Contact)	Using Digital Tachometer by Direct Method	5000 rpm to 30000 rpm	4.5rpm
153	MECHANICAL-ACOUSTICS	Acoustic Pressure - Sound Level Meter @ 1 kHz	Using Sound Level Calibrator by direct method	114 db	0.7db
154	MECHANICAL-ACOUSTICS	Acoustic Pressure - Sound Level Meter @ 1 kHz	Using Sound Level Calibrator by direct method	94 db	0.6 db
155	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	'V' Block Parameter (Flatness / Parallelism / Squareness / Symmetry)	Using Electronic Comparator with Probe & Cylindrical Mandrel by Comparison Method	300 mm	5.5µm
156	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel Protractor L.C.: 1'	Using Angle Gauge Block & Surface Plate by direct method	0 ° to 360 °	3.1arc min
157	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bore Gauge (Transmission Only) L.C.: 1 µm	Using Dial Calibration Tester by direct method	Up to 1 mm	3.1µm

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158	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper (Vernier/Dial/Digital) L.C.:10 µm	Using Caliper Checker, Gauge Block, Length Bar & External Micrometer by direct method	0 to 1000 mm	14µm
159	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper (Vernier/Dial/Digital) L.C.:10 µm	Using Caliper Checker, Gauge Block, Length Bar & External Micrometer. by direct method	0 to 600 mm	10µm
160	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper (Vernier/Dial/Digital) L.C.:10 µm	Using Caliper Checker; Gauge Block; Length Bar & External Micrometer. by direct method	1000 mm to 2000 mm	22.5µm
161	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Coating Thickness Gauge (Digimatic/Analog) L.C.: 0.1 µm	Using Thickness Foils by direct method	0 to 6 mm	8.4µm
162	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Comparator Stand	Using Gauge Block; Elec. Probe & Surface Plate by direct method	up to 300 mm x 300 mm	3.7µm

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163	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cube Mould	Using Profile Projector & Digital Vernier caliper, Bevel Protractor by Comparison Method	0 to 300 mm	16.8 µm
164	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cube Mould	Using Profile Projector & Digital Vernier caliper, Bevel Protractor by Comparison Method	0 ° to 360 °	3.6 min.
165	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cylindrical Measuring Pin	Using Gauge Block Set & Electronic Probe by direct method	0.5 mm to 25 mm	1.3µm
166	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cylindrical Setting Master Diameter Variation	Using Gauge Block Set & Electronic Probe by Direct Method	>100 mm to 160 mm	3.3µm
167	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cylindrical Setting Master Diameter Variation	Using Gauge Block Set & Electronic Probe by Direct Method	Upto 100 mm	2.8µm

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168	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Degree Protractor / Combination Set L.C.: 1°	Using Angle Gauge Block, Sine Bar, Angle Gauge Block & Surface Plate by direct method	0 ° to 360 °	20arc min
169	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Caliper (Vernier/Dial/Digital) L.C.: 10 µm	Using Gauge Block, Long Gauge Block & Surface Plate by direct method	0 to 300 mm	8. 2µm
170	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer L.C. : 1 µm	Using Gauge Block Set, Long Gauge Block & Surface Plate by direct method	0 to 300 mm	6.0µm
171	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Comparator L.C.: 0.5 µm	Using Gauge Block Set & Comparator Stand by direct method	-50 µm to 50 µm	1.5µm
172	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge L.C.: 1 µm	Using Gauge Block Set by direct method	0 to 10 mm	0.8µm

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173	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge L.C.: 10 µm	Using Gauge Block Set by direct method	0 to 100 mm	8µm
174	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Electronic Comparator L.C.: 0.1 µm	Using Gauge Block Set by direct method	0 to 25 mm	0.9µm
175	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Electronic Height Gauge L.C.: 0.5 µm	Using Gauge Block, Long Gauge & Surface Plate by direct method	0 to 600 mm	8µm
176	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (Analog/Dial/Digital) L.C.: 1 µm	Using Gauges Block Sets, Long Gauge Block & Mic Check Set by direct method	>25 mm to 300 mm	4.0µm
177	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (Analog/Dial/Digital) L.C.: 1 µm	Using Check Set by direct method	3 mm to 25 mm	0.8µm

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178	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (Analog/Dial/Digital) L.C.: 10 µm	Using Gauges Block Sets, Long Gauge Block & Micro Check Set by direct method	>300 mm to 600 mm	12.9µm
179	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (Analog/Dial/Digital) L.C.: 10 µm	Using Gauges Block Sets, Long Gauge Block & Micro Check Set by direct method	0 to 300 mm	6.9µm
180	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (Analog/Dial/Digital) L.C.: 10 µm	Using Gauges Block Sets, Long Gauge Block & Micro Check Set by direct method	600 mm to 1000 mm	14.0µm
181	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (Digital) L.C.: 0.1µm	Using Gauge Block Set by direct method	0 to 25 mm	0.4 µm
182	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	Using Digimatic Micrometer by direct method	Up to 2 mm	1.5µm

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183	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (Vernier/Dial/Digital) L.C.: 10 µm	Using Caliper Checker, Gauge Block & Surface Plate by direct method	0 to 1000 mm	20µm
184	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (Vernier/Dial/Digital) L.C.: 10 µm	Using Caliper Checker, Gauge Block & Surface Plate by direct method	0 to 600 mm	11µm
185	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Inside Micrometer / Caliper Type L.C.: 1 µm	Using Gauge Block Set & Gauge Block Accessories by direct method	5 mm to 50 mm	3.0µm
186	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Inside Micrometer / Caliper Type L.C.: 10 µm	Using Gauge Block Set & Gauge Block Accessories by direct method	5 mm to 300 mm	5.0µm
187	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Inside Micrometer / Stick Micrometer (2 points) Basic Travel of Micrometer (Plain) L.C.: 10 µm	Using Gauge Block Set, Long Gauge Block Set & Micro Check Set & Electronic Probe with Comparator by direct method	50 mm to 63 mm	4.2µm

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188	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Inside Micrometer / Stick Micrometer (2 points) Overall Length Accuracy with Extension Rod (Stick) L.C.: 10 µm	Using Gauge Block Set, Long Gauge Block Set & Micro Check Set & Electronic Probe with Comparator. by direct method	50 mm to 1050 mm	12.0µm
189	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Caliper Gauge L.C.: 10 µm	Using Gauge Block Set & Gauge Block Accessories by direct method	Up to 250 mm	7.1µm
190	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Dial Gauge L.C. : 1 µm	Using Dial Calibration Tester by direct method	Up to 0.14 mm	1.6µm
191	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Dial Gauge L.C. : 10 µm	Using Dial Calibration Tester by direct method	Up to 1 mm	5.9µm
192	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Dial Gauge L.C.: 2 µm	Using Dial Calibration Tester by direct method	Up to 2 mm	1.9µm

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193	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Limit Gauge/CD Gauge/PCD Gauge	Using Profile Projector, LMM & 2Height Gauge by Comparison Method	0 to 200 mm	16.8 µm
194	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Scale	Using Scale & Tape Calibration Unit by direct method	0 to 1000 mm	120 X Sq rt(L) µm, L in meter
195	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Tape	Using Scale & Tape Calibration Unit by direct method	0 to 100 m	120 X Sq rt(L) µm, L in meter
196	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Tape (Pi Tape)	Using Scale & Tape Calibration Unit by direct method	0 to 15000 mm	120 X Sq rt(L) µm, L in mtr.
197	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Rod	Using Gauge Block Set, Long Gauge Block Set & Electronic Comparator with Probe by direct method	300 mm to 1000 mm	10.0µm

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198	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Rod	Using Gauge Block Set, Long Gauge Block Set & Electronic Comparator with Probe by direct method	Up to 300 mm	4.5µm
199	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Parallel Thread Plug Gauge	Using FCDM, Cylindrical Setting Master & Thread Measuring Wires by direct method	2 mm to 100 mm	4.1µm
200	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pistol Caliper L.C.: 50 µm	Using Gauge Block Set by direct method	Up to 100 mm	26.1µm
201	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge	Using Gauge Block Set & Electronic Probe by direct method	0 to 100 mm	2.0µm
202	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge	Using Gauge Block Set & Electronic Probe by direct method	100 mm to 160 mm	5.0µm

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203	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Ring Gauge	Using ULM & Master Ring by direct method	3 mm to 100 mm	2.0µm
204	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Dial Gauge L.C. : 1 µm	Using Dial Calibration Tester & Gauge Block Set by direct method	0 to 50 mm	2.2µm
205	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Dial Gauge L.C.: 1 µm	Using Dial Calibration Tester & Gauge Block Set by direct method	0 to 25 mm	1.7µm
206	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Radius Gauge/Radius Templete	Using Profile Projector by direct method	Up to 40 mm	15.2µm
207	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Screw / Thread Pitch Gauge - Angle	Using Profile Projector by direct method	55 ° & 90 °	3.6min of Arc

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208	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Screw / Thread Pitch Gauge - Pitch	Using Profile Projector by direct method	Up to 7 mm	12µm
209	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Sine Bar	Using Gauge Block, Angle Gauge Block, Electronic Probe & Surface Plate.by direct method	Up to 300 mm	9arc s
210	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge	Using Gauge Block Set by direct method	0 to 100 mm	3.0µm
211	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge	Using Gauge Block Set by direct method	100 mm to 200 mm	6.0µm
212	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Spirit / Precision Level L.C.: 20 µm/m	Using Electronic Level by direct method	Up to 300 mm	13.6µm/m

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213	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Surface Plate	Using Electronic Level, L.C.1µm/m by direct method	1000 mm to 1000 mm	1.2 x sqrt root of(L+W)/125 L&W in mm
214	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Scale	Using Profile Projector by direct method	0.1 mm to 16 mm	13.6µm
215	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Thread Plug Gauge	Using FCDM, Cylindrical Setting Master & Thread Measuring Wires by direct method	2 mm to 100 mm	4.1µm

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216	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Templates/ Plain Work Piece/ Inspection Jig and Fixture/ Moulds/ Lever Arm/ Master Connecting Rod	Using Gauge Block set, 2D Height Gauge, Profile Projector, LLM, Electronic Comparator, Digital Vernier Caliper, Digital Micrometer, Bevel Protractor, Angle Gauge Set, Sine Bar, Gauge Block set and Electronic Comparator by Comparison Method	0 to 600 mm	16.8µm
217	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Templates/ Plain Work Piece/ Inspection Jig and Fixture/ Moulds/ Lever Arm/ Master Connecting Rod	Using Gauge Block set, 2D Height Gauge, Profile Projector, LLM, Electronic Comparator, Digital Vernier Caliper, Digital Micrometer, Bevel Protractor, Angle Gauge Set, Sine Bar, Gauge Block set and Electronic Comparator by Comparison Method	0 ° to 360 °	3.6min.

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218	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Test Sieves	Using Profile Projector & Digital Vernier Caliper by direct method	Up to 125 mm	13µm
219	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thickness Foils	Using Electronic Probe by direct method	Up to 12 mm	1.2µm
220	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Measuring Wires	Using Electronic Probe by direct method	0.17 mm to 6.35 mm	1.3µm
221	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Ring Gauge	Using ULM & Master Ring by direct method	3 mm to 100 mm	2.0µm
222	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Ultrasonic Thickness Gauge. L.C.: 0.01 mm	Using Steel Master Rod by direct method	0 to 200 mm	75µm

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223	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vickers/Knoop/Rock well Diamond Cone Indenter	Using Profile Projector	0 to 100 mm	16.8 µm
224	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vickers/Knoop/Rock well Diamond Cone Indenter	Using Profile Projector	0 ° to 360 °	3.6 min.
225	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Weld Fillet Gauge	Using Profile Projector by Comparison method	Up to 100 mm	16.8 µm
226	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Weld/Hi-Lo Gauge, Bridge Cam Gauge	Using Profile Projector, Gauge Block Set, Tape and Scale calibrator by Comparison method	0 to 60 mm	16.8 µm
227	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Weld/Hi-Lo Gauge, Bridge Cam Gauge	Using Profile Projector, Gauge Block Set, Tape and Scale calibrator by Comparison method	0 ° to 60 °	3.6 min.

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228	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Width Gauge / Height Setting Master	Using Gauge Block Set & Electronic Probe by direct method	0 to 100 mm	2.0µm
229	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Width Gauge / Height Setting Master	Using Gauge Block Set & Electronic Probe by direct method	100 mm to 160 mm	5.0µm
230	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Width Gauge/Paddle Gauge	Using Profile Profile Projector, Gauge Block Set, & Electronic Probe	0 to 200 mm	16.8 µm
231	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Wire Gauge	Using Profile Projector by direct method	0.025 mm to 8 mm	12µm
232	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Dial Calibration Tester L.C.: 0.1 µm	Using Electronic Probe by direct method	0 to 25 mm	1.1µm

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233	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Gauge Block - Carbide	Using Gauge Block Gr. 'K" & Gauge Block Calibrator by comparison method	0.5 mm to 25 mm	0.1µm
234	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Gauge Block - Carbide	Using Gauge Block Gr. 'K" & Gauge Block Calibrator by comparison method	25 mm to 50 mm	0.11µm
235	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Gauge Block - Carbide	Using Gauge Block Gr. 'K" & Gauge Block Calibrator by comparison method	50 mm to 75 mm	0.14µm
236	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Gauge Block - Carbide	Using Gauge Block Gr. 'K" & Gauge Block Calibrator by comparison method	75 mm to 100 mm	0.22µm
237	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Gauge Block - Steel	Using Gauge Block Gr. 'K" & Gauge Block Calibrator by comparison method	>25 mm to 50 mm	0.16µm
238	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Gauge Block - Steel	Using Gauge Block Gr. 'K" & Gauge Block Calibrator by comparison method	0 to 25 mm	0.13µm
239	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Gauge Block - Steel	Using Gauge Block Gr. 'K" & Gauge Block Calibrator by comparison method	50 mm to 75 mm	0.19µm

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240	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Gauge Block - Steel	Using Gauge Block Gr. ’K” & Gauge Block Calibrator by comparison method	75 mm to 100 mm	0.23µm
241	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Length Measuring Machine. L.C.: 0.0001mm	Using Slip Gauge Set Grade 'k' by Comparison Method.	0 to 100 mm	0.75µm
242	MECHANICAL-DUROMETER	Rubber Hardness Tester	Using Micrometer Head with Fixture by Depth Indentation Method as per ASTM D2240-15 & ISO 48-9	0 Shore A to 100 Shore A	0.5Shore A
243	MECHANICAL-DUROMETER	Rubber Hardness Tester	Using Micrometer Head with Fixture by Depth Indentation Method as per ASTM D2240-15 & ISO 48-9	0 Shore D to 100 Shore D	0.5Shore D
244	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Dial/Digital Pressure Indicating Device; Pressure Transmitter/Switches.	Using Digital Pressure Calibrator, Hydraulic Comparator and 6½ DMM as per DKD- R - 6 -1	0 bar to 1000 bar	0.18bar

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245	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Dial/Digital Pressure Indicating Device; Pressure Transmitter/Switches.	Using Digital Pressure Calibrator, Hydraulic Comparator and 6½ DMM as per DKD- R - 6 -1	0 bar to 250 bar	0.108bar
246	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Dial/Digital Pressure Indicating Device; Pressure Transmitter/Switches.	Using Digital Pressure Calibrator, Hydraulic Comparator and 6½ DMM as per DKD- R - 6 -1	0 bar to 700 bar	0.12bar
247	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Dial/Digital Pressure Indicating Device; Pressure Transmitter/Switches.	Using Digital Pressure Calibrator, Hydraulic Comparator and 6½ DMM as per DKD- R - 6 -1	0 bar to 20 bar	7.7mbar
248	MECHANICAL-PRESSURE INDICATING DEVICES	Negative Pressure - Dial / Digital Vacuum Gauge, Pressure Indicating Devices, Pressure Transmitter/Switches.	Using Digital Pressure Calibrator with Vacuum / Pneumatic Hand Pressure Pump, 6½ DMM by Comparison Method as per DKD-R - 6 -1	0 to -0.93 bar	1.3mbar

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249	MECHANICAL-PRESSURE INDICATING DEVICES	Negative Pressure - Dial / Digital Vacuum Gauge, Pressure Indicating Devices.	Using Digital Pressure Calibrator with Vacuum / Pneumatic Hand Pressure Pump by Comparison Method as per DKD- R - 6 -1	0 to -200 mbar	0.25mbar
250	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure - Dial / Digital Pressure Pressure Indicating Device & Pressure Transmitter/Switches	Using Digital Pressure Calibrator with Vacuum / Pneumatic Hand Pressure Pump, 6½ DMM by Comparison Method as per DKD-R - 6 -1	0 bar to 2 bar	1mbar
251	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure - Dial/Digital Low Pressure Indicating Devices & Pressure Transmitter.	Using Digital Manometer with Vacuum / Pneumatic Hand Pressure Pump, 6½ DMM by Comparison Method as per DKD- R - 6 -1	0 to 200 mbar	0.25mbar
252	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure - Pressure Indicating Devices (Maghnelic Gauges, Low Pressure Gauges, Calibrators)	Using Digital Pressure Calibrator by Comparison Method as per DKD-R - 6 -1	0 Pa to 500 Pa	0.35Pa

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253	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure - Dial / Digital Pressure Gauge, Pressure Indicating Devices & Pressure Transmitter/Switches	Using Digital Pressure Calibrator with Vacuum / Pneumatic Hand Pressure Pump, 6½ DMM by Comparison Method as per DKD-R - 6 -1	0 bar to 20 bar	7.6mbar
254	MECHANICAL-TORQUE GENERATING DEVICES	Torque Screw Driver/ Torque Wrench / Torque Dial Gauges Type I & II (All Class) (Clock wise and anti-clock wise)	Using Electronic Torque Wrench Calibrator as per ISO 6789: 2017	0.1 Nm to 10 Nm	1.3%
255	MECHANICAL-TORQUE GENERATING DEVICES	Torque Screw Driver/ Torque Wrench / Torque Dial Gauges Type I & II (All Class) (Clock wise and anti-clock wise)	Using Electronic Torque Wrench Calibrator as per ISO 6789: 2017	200 Nm to 1000 Nm	1.3%
256	MECHANICAL-TORQUE GENERATING DEVICES	Torque Screw Driver/ Torque Wrench / Torque Dial Gauges Type I & II (All Class) (Clock wise and anti-clock wise)	Using Electronic Torque Wrench Calibrator as per ISO 6789: 2017	10 Nm to 200 Nm	1.3%

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257	MECHANICAL-VOLUME	Glass Pipettes & Burette	Using Weighing balance of Readability (0.01 / 0.1) mg & Distilled water by Gravimetric method based on ISO 4787	0.1 ml to 10 ml	1.71 µl
258	MECHANICAL-VOLUME	Glass Pipettes & Burette	Using Weighing balance of Readability (0.01 / 0.1) mg & Distilled water by Gravimetric method based on ISO 4787	10 ml to 100 ml	1.47 µl
259	MECHANICAL-VOLUME	Glassware & Plastic wares (Such as Measuring Cylinder / Volumetric Flask / Jar / Can)	Using Weighing balance of Readability (0.01 / 0.1) mg & Distilled water by Gravimetric method based on ISO 4787	0.1 ml to 10 ml	1.71 µl
260	MECHANICAL-VOLUME	Glassware & Plastic wares (Such as Measuring Cylinder / Volumetric Flask / Jar / Can)	Using Weighing balance of Readability (0.01 / 0.1) mg & Distilled water by Gravimetric method based on ISO 4787	10 ml to 100 ml	1.47 µl

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261	MECHANICAL-VOLUME	Glassware & Plastic wares (Such as Measuring Cylinder / Volumetric Flask / Jar / Can)	Using Weighing balance of d: 1 mg & Distilled water by Gravimetric method based on ISO 4787	>100 ml to 500 ml	21.3µl
262	MECHANICAL-VOLUME	Glassware & Plastic wares (Such as Measuring Cylinder / Volumetric Flask / Jar / Can)	Using Weighing balance of d:10 mg & Distilled water by Gravimetric method based on ISO 4787	>2 l to 5 l	150µl
263	MECHANICAL-VOLUME	Glassware & Plastic wares (Such as Measuring Cylinder / Volumetric Flask / Jar / Can)	Using Weighing balance of d:10 mg & Distilled water by Gravimetric method based on ISO 4787	>500 ml to 2 L	100µl
264	MECHANICAL-VOLUME	Micro pipettes (Piston Operated-Apparatus)	Using Weighing balance of Readability (0.01 / 0.1) mg & Distilled water by Gravimetric method based on ISO 8655-6	1 ml to 5 ml	0.50 µl
265	MECHANICAL-VOLUME	Micro pipettes(Piston Operated-Apparatus)	Using Weighing balance of Readability (0.01 / 0.1) mg & Distilled water by Gravimetric method based on ISO 8655-6	10 µl to 100 µl	0.30 µl

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266	MECHANICAL-VOLUME	Micro pipettes(Piston Operated-Apparatus)	Using Weighing balance of Readability (0.01 / 0.1) mg & Distilled water by Gravimetric method based on ISO 8655-6	100 µl to 1000 µl	0.35 µl
267	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (d = 10 g) Class IV & Coarser	Using Standard Weight of E2, F1, M1 Class by Comparison Method as per OIML R76-1	100 kg to 150 kg	10 g
268	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (d = 20 g) Class IV & Coarser	Using Standard Weight ofF1, M1 Class by Comparison Method as per OIML R76-1	150 kg to 300 kg	20 g
269	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (d = 5 g) Class IV & Coarser	Using Standard Weight of E2, F1, M1 Class by Comparison Method as per OIML R76-1	30 kg to 50 kg	5 g
270	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (d = 5 g) Class IV & Coarser	Using Standard Weight of E2, F1, M1 Class by Comparison Method as per OIML R76-1	50 kg to 100 kg	9 g

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271	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance (d = 0.1 mg) Class I & Coarser	Using Weights of accuracy class E2 as per OIML R-76	0 to 200 g	0.08mg
272	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance (d = 0.01 g) Class I & Coarser	Using Weights of accuracy class E2 & F1 as per OIML R-76-1	200 mg to 5 kg	0.01 g
273	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance (d = 0.01 mg) Class I & Coarser	Using Weights of accuracy class E2 as per OIML R-76	0 to 100 g	0.03mg
274	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance (d = 0.1 g) Class I & Coarser	Using Weights of accuracy class E2 & F1 as per OIML R-76-1	5 g to 30 kg	0.1 g
275	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance (d = 1 mg) Class I & Coarser	Using Weights of accuracy class E2 as per OIML R-76-1	100 mg to 1 kg	1 mg
276	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F1 Class & Coarser	Using E2 class standard weights and Balance of d: 0.01 mg / 0.1 mg as per OIML R-111. Based on ABBA Method.	1 g	0.02mg

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277	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F1 Class & Coarser	Using E2 class standard weights and Balance of d: 0.01 mg / 0.1 mg as per OIML R-111. Based on ABBA Method.	10 g	0.02mg
278	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F1 Class & Coarser	Using E2 class standard weights and Balance of d: 0.01 mg / 0.1 mg as per OIML R-111. Based on ABBA Method.	100 g	0.09mg
279	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F1 Class & Coarser	Using E2 class standard weights and Balance of d: 0.01 mg / 0.1 mg as per OIML R-111. Based on ABBA Method.	2 g	0.02mg
280	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F1 Class & Coarser	Using E2 class standard weights and Balance of d: 0.01 mg / 0.1 mg as per OIML R-111. Based on ABBA Method.	20 g	0.05mg

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281	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F1 Class & Coarser	Using E2 class standard weights and Balance of d: 0.01 mg / 0.1 mg as per OIML R-111. Based on ABBA Method	20 mg	0.01 mg
282	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F1 Class & Coarser	Using E2 class standard weights and Balance of d: 0.01 mg / 0.1 mg as per OIML R-111. Based on ABBA Method.	200 g	0.15mg
283	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F1 Class & Coarser	Using E2 class standard weights and Balance of d: 0.01 mg / 0.1 mg as per OIML R-111. Based on ABBA Method.	200 mg	0.02mg
284	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F1 Class & Coarser	Using E2 class standard weights and Balance of d: 0.01 mg / 0.1 mg as per OIML R-111. Based on ABBA Method.	5 g	0.03mg

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285	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F1 Class & Coarser	Using E2 class standard weights and Balance of d: 0.01 mg / 0.1 mg as per OIML R-111. Based on ABBA Method.	50 g	0.05mg
286	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F1 Class & Coarser	Using E2 class standard weights and Balance of d: 0.01 mg / 0.1 mg as per OIML R-111. Based on ABBA Method	50 mg	0.01mg
287	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F1 Class & Coarser	Using E2 class standard weights and Balance of d: 0.01 mg / 0.1 mg as per OIML R-111. Based on ABBA Method.	500 mg	0.02mg
288	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F2 Class & Coarser	Using E2 class weights and balance of d: 0.01 g as per OIML R-111. Based on ABBA Method	2 kg	8.6mg
289	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F2 Class & Coarser	Using F1 class weights and balance of d: 0.1 g as per OIML R-111.Based on ABBA Method	50 Kg	0.12 g

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290	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F1 Class & Coarser	Using E2 class weights and balance of d: 0.001 g as per OIML R- 111.Based on ABBA Method	1 kg	1.3 mg
291	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F2 Class & Coarser	Using E2 class standard weights and Balance of d: 0.01 mg as per OIML R-111 based on ABBA Method	1 mg	0.011 mg
292	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F2 Class & Coarser	Using E2 class standard weights and Balance of d: 0.01 mg / 0.1 mg as per OIML R-111 based on ABBA Method	10 mg	0.011 mg
293	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F2 Class & Coarser	Using E2 class standard weights and Balance of d: 0.01 mg / 0.1 mg as per OIML R-111 based on ABBA Method	100 mg	0.02 mg

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294	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F2 Class & Coarser	Using E2 class standard weights and Balance of d: 0.01 mg / 0.1 mg as per OIML R-111 based on ABBA Method	2 mg	0.011 mg
295	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F2 Class & Coarser	Using E2 class weights and balance of d: 0.01 g as per OIML R- 111.Based on ABBA Method	5 kg	8.6 mg
296	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F2 Class & Coarser	Using E2 class standard weights and Balance of d: 0.01 mg / 0.1 mg as per OIML R-111. Based on ABBA Method	5 mg	0.011 mg
297	MECHANICAL-WEIGHTS	Weights (Conventional Mass) F2 Class & Coarser	Using E2 class weights and balance of d: 0.001 g as per OIML R- 111.Based on ABBA Method	500 g	1 mg
298	MECHANICAL-WEIGHTS	Weights (Conventional Mass) M1 Class & Coarser	Using E2 & F1 class weights and balance of d: 0.1 g as per OIML R-111.Based on ABBA Method	10 kg	80 mg

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299	MECHANICAL-WEIGHTS	Weights (Conventional Mass) M1 Class & Coarser	Using E2 & F1 class weights and balance of d: 0.1 g as per OIML R-111.Based on ABBA Method	20 kg	100 mg
300	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity Measuring Device/ Thermohygrometer / Humidity Transmitter / Humidity Indicator with Sensor @ 25 °C	Using Humidity Chamber with Digital Temperature and Humidity Indicator with Sensor by Comparison Method	10 % rh to 95 % rh	1.60 % rh
301	THERMAL-SPECIFIC HEAT & HUMIDITY	Thermohygrometer / Humidity Transmitter / Humidity Indicator with Sensor @ 50% rh	Using Humidity Chamber with Digital Temperature and Humidity Indicator with Sensor by Comparison Method	10 °C to 50 °C	0.47 °C
302	THERMAL-TEMPERATURE	Infrared / Non-contact Type Thermometer	Using IR Pyrometer with Black body source (Emissivity: 0.95) By Comparison Method	50 °C to 500 °C	4.6°C
303	THERMAL-TEMPERATURE	Infrared / Non-contact Type Thermometer	Using IR Pyrometer with Black body source (Emissivity: 0.95) By Comparison Method	500 °C to 1200 °C	8.2°C

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304	THERMAL-TEMPERATURE	Liquid in Glass Thermometers	Using SPRT with 6½ DMM or Multifunction calibrator and Liquid bath by Comparison Method	-80 °C to 250 °C	0.58°C
305	THERMAL-TEMPERATURE	Temperature Gauge	Using SPRT with 6½ DMM or Multifunction calibrator using Dry Block temperature bath by Comparison Method	250 °C to 600 °C	1.20°C
306	THERMAL-TEMPERATURE	Temperature Gauge	Using PRT with 6½ DMM or Multifunction Calibrator and Liquid bath by comparison method	30 °C to 250 °C	1.16°C
307	THERMAL-TEMPERATURE	Temperature Gauge	Using PRT with 6½ DMM or Multifunction Calibrator and Liquid bath by comparison method	-80 °C to 30 °C	0.60°C
308	THERMAL-TEMPERATURE	Temperature Indicator /Controller with Sensor of Dry Well Block & Furnace - Single Position Calibration	Using R- Type Thermocouple with Multifunction calibrator using Dry block temp bath by Comparison Method	650 °C to 1000 °C	2.80°C

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309	THERMAL-TEMPERATURE	Temperature Indicator /Controller with Sensor of Dry Well Block & Furnace - Single Position Calibration	Using R- Type Thermocouple with Multifunction calibrator Using Dry block Temp Bath by Comparison Method	1000 °C to 1200 °C	3.30°C
310	THERMAL-TEMPERATURE	Temperature Indicator /Controller with Sensor of Dry Well Block & Furnace - Single Position Calibration	Using SPRT with 6½ DMM or Multifunction calibrator Using Dry block Temp Bath by Comparison Method	400 °C to 650 °C	0.22°C
311	THERMAL-TEMPERATURE	Temperature Indicator /Controller with Sensor of Dry Well Block/ Liquid Bath / Incubators / Oven / Furnace (For Non Medical Purpose Only) - Single Position Calibration	Using SPRT with 6½ DMM or Multifunction calibrator and Liquid bath /Dry block by Comparison Method	50 °C to 250 °C	0.22°C
312	THERMAL-TEMPERATURE	Temperature Indicator /Controller with Sensor of Dry Well Block/ Liquid Bath / Incubators / Oven / Furnace (Non Medical Purpose Only)-Single Position Calibration	Using SPRT with 6½ DMM or Multifunction calibrator Using Dry block Temp Bath by Comparison Method	250 °C to 400 °C	0.22°C

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313	THERMAL-TEMPERATURE	Temperature Indicator /Controller with Sensor of Dry Well Block/ Liquid Bath / Incubators / Oven / Furnace (Non Medical Purpose Only)-Single Position Calibration	Using SPRT with 6½ DMM or Multifunction calibrator and Liquid bath /Dry block by Comparison Method	-80 °C to 50 °C	0.22°C
314	THERMAL-TEMPERATURE	Temperature sensor (RTD/ Thermocouple) With & without indicator & Temperature transmitter	Using SPRT/PRT with 6½ DMM or Multifunction calibrator and Liquid/Dry block bath By Comparison Method	50 °C to 250 °C	0.09°C
315	THERMAL-TEMPERATURE	Temperature sensor (RTD/ Thermocouple) With & without indicator & Temperature transmitter	Using SPRT with 6½ DMM or Multifunction calibrator Using Dry block bath By Comparison Method	250 °C to 650 °C	0.53°C
316	THERMAL-TEMPERATURE	Temperature sensor (RTD/ Thermocouple) With & without indicator & Temperature transmitter	Using SPRT with 6½ DMM or Multifunction calibrator with Liquid/ Dry block bath By Comparison Method	-80 °C to 50 °C	0.08°C

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317	THERMAL-TEMPERATURE	Thermocouple Sensor / Temperature Transmitter / Temperature Sensor With & without indicator	Using R- Type Thermocouple with Multifunction calibrator & dry block Temperature baths by Comparison Method	650 °C to 1000 °C	2.90°C
318	THERMAL-TEMPERATURE	Thermocouple sensor /Temperature sensor / Temperature Transmitter With & without indicator	Using R- Type Thermocouple with Multifunction calibrator & dry block Temperature baths by Comparison Method	1000 °C to 1200 °C	3.50°C

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Site Facility					
1	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @50 Hz	Using Standard Current Transformer with 6 ½ Digit Multimeter by Direct Method	10 A to 7500 A	0.4%
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @50 Hz to 1 kHz	Using 6 ½ Digit Multimeter by Direct Method	0.2 mA to 100 mA	0.39 % to 0.18 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @50 Hz to 1 kHz	Using 6 ½ Digit Multimeter by Direct Method	100 mA to 10 A	0.18 % to 0.29 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @50 Hz to 1 kHz	Using 6 ½ Digit Multimeter by Direct Method	30 µA to 200 µA	0.26 % to 0.39 %

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5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @50 Hz	Using Standard PT and 6 ½ DMM by Direct Method	1 kV to 11 kV	0.2%
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @50 Hz	Using HV Divider with indicator and HV Probe with DMM by Direct Method	11 kV to 100 kV	3.2%
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @1 kHz	Using 6 ½ Digit Multimeter by Direct Method	1 mV to 20 mV	4.72 % to 0.33 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @50 Hz to 1 kHz	Using 6 ½ Digit Multimeter by Direct Method	10 mV to 1000 V	0.54 % to 0.10 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 10Hz to 1kHz	Using Multiproduct calibrator by Direct Method	29 µA to 1 A	0.65% to 0.22%

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10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45Hz to 1kHz	Using Multiproduct calibrator by Direct Method	1 A to 20 A	0.17% to 0.22%
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50Hz	Using Multiproduct calibrator with Current Coil by Direct Method	20 A to 1000 A	1.10%
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @50 Hz	Using MPC with Current Coil by Direct Method	20 A to 1000 A	0.75%
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @50 Hz to 1 kHz	Using Multi Product Calibrator by Direct Method	10 A to 20 A	0.53 % to 0.69 %
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @50 Hz to 1 kHz	Using Multi Product Calibrator by Direct Method	3 mA to 2 A	0.3 % to 0.41 %
15	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @50 Hz to 1 KHz	Using Multi Product Calibrator by Direct Method	30 µA to 3 mA	3.40 % to 0.3 %

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16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @50Hz to 1 kHz	Using Multi Product Calibrator by Direct Method	2 A to 10 A	0.41 % to 0.53 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC POWER @ 50 HZ (120 V - 240 V, 0.1 A - 20 A, 0.1 - UPF)	Using Multiproduct calibrator by Direct Method	1.2 W to 4.8 kW	4.7 % to 0.4%
18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Power @50H; z0.1 to UPF, 120 V to 240 V, 0.1A to 20 A	Using Multi Product Calibrator with Power Option by Direct Method	1.2 W to 4.8 kW	2.9 % to 0.8 %
19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC voltage @ 10Hz to 1kHz	Using Multiproduct calibrator by Direct Method	1 mV to 300 mV	2.6% to 0.07%
20	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC voltage @ 1kHz to 10kHz	Using Multiproduct calibrator by Direct Method	300 mV to 1000 V	0.08% to 0.1%
21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC voltage @ 50Hz to 1kHz	Using Multiproduct calibrator by Direct Method	300 mV to 1000 V	0.08%

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22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @50 Hz to 1 kHz	Using Multi Product Calibrator by Direct Method	10 mV to 300 mV	1.1 % to 0.21 %
23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @50 Hz to 1 kHz	Using Multi Product Calibrator by Direct Method	30 V to 1000 V	0.15 % to 0.20 %
24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @50 Hz to 1 kHz	Using Multi Product Calibrator by Direct Method	300 mV to 30 V	0.21 % to 0.15 %
25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @ 1 kHz	Using Decade Capacitance Box by Direct Method	10 pF to 1 nF	2.98 % to 1.2 %
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1 kHz	Using Decade Capacitance Box by Direct Method	100 nF to 99 µF	1.3 % to 0.80 %
27	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1kHz	Using Decade Capacitance Box by Direct Method	1 nF to 100 nF	1.3%

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28	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @1 kHz	Using Decade Inductance Box by Direct Method	1 mH to 10 H	1.53 % to 2.0 %
29	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Power Factor @50 Hz	Using Multi Product Calibrator with Power Option by Direct Method	± 0.1 PF to UPF	0.03PF
30	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ Digit Multimeter by Direct Method	10 µA to 100 mA	0.36 % to 0.064 %
31	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ Digit Multimeter by Direct Method	100 mA to 3 A	0.064 % to 0.19 %
32	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ Digit Multimeter by Direct Method	3 A to 10 A	0.19%
33	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Divider with indicator and HV Probe with DMM by Direct Method	25 kV to 100 kV	2.6%

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34	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance	Using 6 ½ Digit Multimeter by Direct Method	100 Mohm to 1000 Mohm	0.94 % to 2.31 %
35	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (4 wire)	Using 6 ½ Digit Multimeter by V/I Method	1 mohm to 1 ohm	0.42 % to 0.36 %
36	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (4 wire)	Using 6 ½ Digit Multimeter by Direct Method and Voltage/ Current Method	1 ohm to 1 Mohm	0.36 % to 0.013 %
37	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6 ½ Digit Multimeter by Direct Method	1 mV to 100 mV	0.42 % to 0.085 %
38	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6 ½ Digit Multimeter by Direct Method	100 mV to 1000 V	0.085 % to 0.007 %
39	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC CURRENT	Using Multiproduct calibrator by Direct Method	1 µA to 1 A	2.4% to 0.08%

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40	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC CURRENT	Using Multiproduct calibrator by Direct Method	1 A to 20 A	0.08% to 0.17%
41	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi Product Calibrator by Direct Method	10 µA to 100 µA	1.3 % to 0.2 %
42	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi Product Calibrator by Direct Method	100 µA to 3 mA	0.2 % to 0.08 %
43	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi Product Calibrator by Direct Method	2 A to 10 A	0.24 % to 0.32 %
44	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC CURRENT	Using Multiproduct calibrator with Current Coil by Direct Method	20 A to 1000 A	0.14% to 1.1%
45	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using MPC With Current Coil by Direct Method	20 A to 1000 A	0.64%

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46	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi Product Calibrator by Direct Method	3 mA to 300 mA	0.08 % to 0.09 %
47	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Power (1V to 600V, 1A to 20A)	Using Multiproduct calibrator by Direct Method	1 kW to 12 kW	3.1% to 1.1%
48	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Power (1V to 600V, 1A to 20A)	Using Multiproduct calibrator by Direct Method	1 W to 1 kW	4.4% to 3.1%
49	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Power @ 15 V to 600 V, 0.1A to 20 A	Using Multiproduct Calibrator with Power Option by Direct Method.	1.5 W to 12 kW	3.9 % to 0.8 %
50	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	1 kohm	0.03%
51	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Decade Resistance By Direct Method	1 kohm to 100 kohm	0.10 % to 0.50 %

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52	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	1 Mohm	0.05%
53	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using DC Shunt by VI Method	1 mohm	0.28%
54	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Decade Resistance By Direct Method	1 ohm to 1000 ohm	0.25 % to 0.10 %
55	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	1.9 kohm	0.03%
56	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	1.9 Mohm	0.05%
57	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	10 kohm	0.03%

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58	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	10 Mohm	0.12%
59	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using DC Shunt by VI Method	10 mohm	0.28%
60	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Decade Resistance By Direct Method	10 mohm to 100 mohm	1.16 % to 0.58 %
61	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	100 kohm	0.04%
62	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using DC Shunt by VI Method	100 mohm	0.28%
63	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	100 Mohm	0.62%

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64	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Decade Resistance By Direct Method	100 mohm to 1 ohm	0.58 % to 0.25 %
65	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	19 kohm	0.03%
66	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	19 Mohm	0.17%
67	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	190 kohm	0.05%
68	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	190 Mohm	1.20%
69	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using Multi Product Calibrator by Direct Method	190 ohm	0.05 %

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70	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using DC Shunt by VI Method	2 mohm	0.28%
71	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using DC Shunt by VI Method	20 mohm	0.28%
72	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using DC Shunt by VI Method	5 mohm	0.28%
73	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance	Using DC Shunt by VI Method	50 mohm	0.28%
74	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using Decade Resistance By Direct Method	1 mohm to 10 mohm	2.58 % to 1.16 %
75	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using Multi Product Calibrator by Direct Method	1 ohm	1.20%

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76	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using Multi Product Calibrator by Direct Method	1.9 ohm	0.6%
77	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using Multi Product Calibrator by Direct Method	10 ohm	0.20%
78	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using DC Shunt by VI Method	100 µohm	0.28%
79	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using Multi Product Calibrator by Direct Method	100 ohm	0.05%
80	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using Multi Product Calibrator by Direct Method	19 ohm	0.20%
81	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using DC Shunt by VI Method	250 µohm	0.28%

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82	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using DC Shunt by VI Method	500 µohm	0.28 %
83	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 wire)	Using DC Shunt by VI Method	750 µohm	0.28%
84	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC VOLTAGE	Using Multiproduct calibrator by Direct Method	1 mV to 100 mV	0.40% to 0.02%
85	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi Product Calibrator by Direct Method	1 mV to 100 mV	1.2 % to 0.03 %
86	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC VOLTAGE	Using Multiproduct calibrator by Direct Method	100 mV to 1000 V	0.02% to 0.01%
87	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi Product Calibrator by Direct Method	100 mV to 30 V	0.03 % to 0.01 %

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88	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi Product Calibrator by Direct Method	30 V to 1000 V	0.01%
89	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Direct Current	Using MultiProduct Calibrator by Direct Method	10 A to 20 A	0.32 % to 0.6 %
90	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Direct Current	Using Multiproduct Calibrator by direct method	300 mA to 2 A	0.09 % to 0.24 %
91	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance	Using Decade Resistance Box by Direct Method	100 kohm to 1 Tohm	1.2 % to 7.2 %
92	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Multiproduct calibrator by Direct Method	50 Mohm to 1 Gohm	0.55% to 1.8%
93	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Multiproduct calibrator by Direct Method	30 ohm to 50 Mohm	0.08% to 0.55%

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94	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Multiproduct calibrator by Direct Method	1 ohm to 30 ohm	1.2% to 0.08%
95	ELECTRO-TECHNICAL-DIRECT CURRENT (Source,Measure)	DC High Voltage	Using Udeyraj make HV Divider with indicator and HV Probe with DMM by Direct Method	1 kV to 25 kV	2.5%
96	ELECTRO-TECHNICAL-DIRECT CURRENT (Source,Measure)	DC Resistance	Using 6 ½ Digit Multimeter 8846A by Direct Method	1 Mohm to 100 Mohm	0.013 % to 0.94 %
97	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer(Phase Error) 5A (Secondary) 1 % to 120% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	1 A to 3200 A	3.34min
98	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer(Ratio Error) 5A (Secondary) 1 % to 120% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method.	1 A to 3200 A	0.047%

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99	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Active Energy @ 50 Hz (3Ø - 4 wire, 0.1 A to 12 A, 240 V & UPF)	Using Energy Meter by comparison method	24 Wh to 72 kWh	0.3%
100	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer (Phase Error) 1A (Secondary) From 1% to 120% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	1 A to 3200 A	3.65min
101	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer (Phase Error) 1A/5A Secondary from 1% to 120% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	2000 A to 7500 A	3.65min
102	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer (Phase Error) 5A (Secondary) From 5% to 120% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	3000 A to 6000 A	2.6min
103	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer (Phase Error) 5A (Secondary) From 1% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	3000 A to 6000 A	2.5min

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104	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer (Ratio Error) 1A (Secondary) From 1% to 120% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	1 A to 3200 A	0.05%
105	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer (Ratio Error) 1A/5A Secondary from 1% to 120% of Rated Current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	2000 A to 7500 A	0.07%
106	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer (Ratio Error) 5A (Secondary) From 5% to 120% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	3000 A to 6000 A	0.1%
107	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer (Ratio Error) 5A (Secondary) From 1% of rated current	Using Standard Current transformer & Instrument transformer test set up By Comparison Method	3000 A to 6000 A	0.1%
108	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Potential Transformer (Phase Error)	Using Standard Potential transformer & Instrument transformer test set up By Comparison Method	11000/110 V	4.61min

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109	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Potential Transformer (Phase Error)	Using Standard Potential transformer & Instrument transformer test set up By Comparison Method	11000/63.5 V	4.61min
110	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Potential Transformer (Ratio Error)	Using Standard Potential transformer & Instrument transformer test set up By Comparison Method	11000/110 V	0.16%
111	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Potential Transformer (Ratio Error)	Using Standard Potential transformer & Instrument transformer test set up By Comparison Method	11000/63.5 V	0.16%
112	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Transformer Turns Ratio Meter (Ratio)	Using Transformer Ratio Standard by Comparison Method	0.8 ratio to 2021 ratio	0.5 % to 0.3 %
113	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Voltage Ratio	Using 6 ½ Digit Multimeter by Direct Method	0.8 to 2021 ratio	0.30%

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114	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Conductivity by Simulation Method	Using Decade Resistance Box & Multifunction Calibrator by Simulation Method.	1 µs to 10000 µs	0.8%
115	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope - Band Width	Using Multiproduct calibrator by Direct Method	1 MHz to 300 MHz	6.8 % to 7.3 %
116	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope - Time Base	Using Multiproduct calibrator by Direct Method	2 ns to 5 s	0.60%
117	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope - Vertical Deflection	Using Multiproduct calibrator by Direct Method	5 mVp-p to 33 Vp-p	0.70%
118	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	pH Meter by Simulation method	Using Multifunction Calibrator by Simulation Method	0 pH to 14 pH	0.3%
119	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Power Factor	Using Multiproduct calibrator by Direct Method	0.1 PF to 1 PF	0.08PF

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120	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - RTD (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator)	Using 6 ½ Digit Multimeter & Multifunction Calibrator by simulation method	(-)200 °C to 800 °C	0.27°C
121	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) B-Type	Using Multifunction Calibrator by simulation method	600 °C to 1820 °C	1.2°C
122	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) C-Type	Using Multifunction Calibrator by simulation method	200 °C to 2315 °C	1.4°C
123	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) E-Type	Using Multifunction Calibrator by simulation method	(-)270 °C to 1300 °C	0.37°C

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124	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) J-Type	Using Multifunction Calibrator by simulation method	(-)200 °C to 1200 °C	0.35°C
125	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) K-Type	Using Multifunction Calibrator by simulation method	(-)250 °C to 1137 °C	0.47°C
126	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) L-Type	Using Multifunction Calibrator by simulation method	(-)200 °C to 600 °C	0.37°C

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127	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) N-Type	Using Multifunction Calibrator by simulation method	(-)270 °C to 1300 °C	0.47°C
128	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) R-Type	Using Multifunction Calibrator by simulation method	(-)50 °C to 1767 °C	0.9°C
129	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) S-Type	Using Multifunction Calibrator by simulation method	(-)50 °C to 1767 °C	0.8°C

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130	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) T-Type	Using Multifunction Calibrator by simulation method	(-)270 °C to 400 °C	0.35°C
131	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/Recorder/ Calibrator) U-Type	Using Multifunction Calibrator by simulation method	(-)200 °C to 600 °C	0.5°C
132	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - RTD (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator)	Using Multifunction Calibrator by simulation method	(-) 200 °C to 800 °C	0.41°C
133	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) E Type	Using Multifunction Calibrator by simulation method	(-)200 °C to 1000 °C	0.29°C

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134	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) J Type	Using Multifunction Calibrator by simulation method	(-)210 °C to 1200 °C	0.35°C
135	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) K Type	Using Multifunction Calibrator by simulation method	(-)200 °C to 1372 °C	0.46°C
136	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) N Type	Using Multifunction Calibrator by simulation method	(-)200 °C to 1300 °C	0.47°C

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137	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) R Type	Using Multifunction Calibrator by simulation method	0 to 1700 °C	0.96°C
138	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) S Type	Using Multifunction Calibrator by simulation method	0 to 1700 °C	0.85°C
139	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) T Type	Using Multifunction Calibrator by simulation method	(-)200 °C to 400 °C	0.35°C

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140	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) U Type	Using Multifunction Calibrator by simulation method	(-)200 °C to 600 °C	0.46°C
141	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) B Type	Using Multifunction Calibrator by simulation method	600 °C to 1820 °C	1.2°C
142	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature Simulation - Thermocouple (Calibration of temperature Indicator / Controller/ Recorder/ Calibrator) C Type	Using Multifunction Calibrator by simulation method	200 °C to 2315 °C	1.4°C
143	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6 ½ Digit Multimeter by Direct Method	10 Hz to 1 MHz	0.084 % to 0.014 %

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144	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Time Interval Meter By Comparison Method	0.1 s to 1 s	0.009 s to 0.013 s
145	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Time Interval Meter By comparison Method	1 hr to 24 hr	0.6 s to 2.3 s
146	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Time Interval Meter By Comparison Method	1 s to 60 s	0.013 s to 0.017 s
147	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Time Interval Meter By Comparison Method	60 s to 1 hr	0.017 s to 0.6 s
148	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multiproduct calibrator by Direct Method	10 Hz to 1 MHz	0.06%
149	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multi Product Calibrator by Direct Method	45 Hz to 1000 Hz	0.02%

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150	MECHANICAL-ACCELERATION AND SPEED	Speed RPM Source - (Non-Contact)	Using Digital Tachometer by Direct Method	10 rpm to 5000 rpm	2.1rpm
151	MECHANICAL-ACCELERATION AND SPEED	Speed RPM Source - (Non-Contact)	Using Digital Tachometer by Direct Method	5000 rpm to 30000 rpm	4.5rpm
152	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper (Vernier/Dial/Digital) L.C.:10 µm	Using Caliper Checker; Gauge Block; Length Bar & External Micrometer. by direct method	1000 mm to 2000 mm	22.5µm
153	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Electronic Height Gauge L.C.: 0.5 µm	Using Gauge Block, Long Gauge & Surface Plate by direct method	0 to 600 mm	8µm
154	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (Vernier/Dial/Digital) L.C.: 10 µm	Using Caliper Checker, Gauge Block & Surface Plate by direct method	0 to 1000 mm	20µm
155	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (Vernier/Dial/Digital) L.C.: 10 µm	Using Caliper Checker, Gauge Block & Surface Plate by direct method	0 to 600 mm	11µm

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156	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Metallurgical Microscope	Using Micro Scale by direct method	100 X to 2000 X	0.3%
157	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Straight Edge	Using Electronic Level & Gauge Block by direct method	Up to 2000 mm	1.8 x sqrt(L/125) µm; L in mm
158	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Surface Plate	Using Electronic Level by direct method	4000 mm to 3000 mm	1.2 x Sqrt(L+W)/125; L&W in mm
159	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Dial Calibration Tester L.C.: 0.1 µm	Using Electronic Probe by direct method	0 to 25 mm	1.1µm
160	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Length Measuring Machine. L.C.: 0.0001mm	Using Slip Gauge Set Grade 'k' by Comparison Method.	0 to 100 mm	0.75µm
161	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector/Video Measuring Machine Magnification	Using Glass Scale & Digimatic Caliper by direct method	Upto 100 X	1.6%

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162	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector/Video Measuring Machine-Angle	Using Angular Graticule / Angle Gauge Set by direct method	0 ° to 360 °	1.4arc minute
163	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector/Video Measuring Machine-Linear L.C.: 0.1 µm	Using Glass Scale/ Gauge Block by direct method	0 to 200 mm	4.8µm
164	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Dial/Digital Pressure Indicating Device; Pressure Transmitter/Switches.	Using Digital Pressure Calibrator, Hydraulic Comparator and 6½ DMM as per DKD- R - 6 -1	0 bar to 1000 bar	0.18bar
165	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Dial/Digital Pressure Indicating Device; Pressure Transmitter/Switches.	Using Digital Pressure Calibrator, Hydraulic Comparator and 6½ DMM as per DKD- R - 6 -1	0 bar to 250 bar	0.108bar
166	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Dial/Digital Pressure Indicating Device; Pressure Transmitter/Switches.	Using Digital Pressure Calibrator, Hydraulic Comparator and 6½ DMM as per DKD- R - 6 -1	0 bar to 700 bar	0.12bar

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167	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure - Dial/Digital Pressure Indicating Device; Pressure Transmitter/Switches.	Using Digital Pressure Calibrator, Hydraulic Comparator and 6½ DMM as per DKD- R - 6 -1	0 bar to 20 bar	7.7mbar
168	MECHANICAL-PRESSURE INDICATING DEVICES	Negative Pressure - Dial / Digital Vacuum Gauge, Pressure Indicating Devices, Pressure Transmitter/Switches.	Using Digital Pressure Calibrator with Vacuum / Pneumatic Hand Pressure Pump, 6½ DMM by Comparison Method as per DKD- R - 6 -1	0 to -0.93 bar	1.3mbar
169	MECHANICAL-PRESSURE INDICATING DEVICES	Negative Pressure - Dial / Digital Vacuum Gauge, Pressure Indicating Devices.	Using Digital Pressure Calibrator with Vacuum / Pneumatic Hand Pressure Pump by Comparison Method as per DKD- R - 6 -1	0 to -200 mbar	0.25mbar
170	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure - Dial / Digital Pressure Pressure Indicating Device & Pressure Transmitter/Switches	Using Digital Pressure Calibrator with Vacuum / Pneumatic Hand Pressure Pump, 6½ DMM by Comparison Method as per DKD- R - 6 -1	0 bar to 2 bar	1mbar

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171	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure - Dial/Digital Low Pressure Indicating Devices & Pressure Transmitter.	Using Digital Manometer with Vacuum / Pneumatic Hand Pressure Pump, 6½ DMM by Comparison Method as per DKD- R - 6 -1	0 to 200 mbar	0.25mbar
172	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure - Pressure Indicating Devices (Maghnelic Gauges, Low Pressure Gauges, Calibrators)	Using Digital Pressure Calibrator by Comparison Method as per DKD-R - 6 -1	0 Pa to 500 Pa	0.35Pa
173	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure - Dial / Digital Pressure Gauge, Pressure Indicating Devices & Pressure Transmitter/Switches	Using Digital Pressure Calibrator with Vacuum / Pneumatic Hand Pressure Pump, 6½ DMM by Comparison Method as per DKD-R - 6 -1	0 bar to 20 bar	7.6mbar
174	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (d = 10 g) Class IV & Coarser	Using Standard Weight of E2, F1, M1 Class by Comparison Method as per OIML R76-1	100 kg to 150 kg	10 g
175	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (d = 20 g) Class IV & Coarser	Using Standard Weight ofF1, M1 Class by Comparison Method as per OIML R76-1	150 kg to 300 kg	20 g

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176	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (d = 5 g) Class IV & Coarser	Using Standard Weight of E2, F1, M1 Class by Comparison Method as per OIML R76-1	30 kg to 50 kg	5 g
177	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (d = 5 g) Class IV & Coarser	Using Standard Weight of E2, F1, M1 Class by Comparison Method as per OIML R76-1	50 kg to 100 kg	9 g
178	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance (d = 0.1 mg) Class I & Coarser	Using Weights of accuracy class E2 as per OIML R-76	0 to 200 g	0.08mg
179	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance (d = 0.01 g) Class I & Coarser	Using Weights of accuracy class E2 & F1 as per OIML R-76-1	200 mg to 5 kg	0.01 g
180	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance (d = 0.01 mg) Class I & Coarser	Using Weights of accuracy class E2 as per OIML R-76	0 to 100 g	0.03mg
181	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance (d = 0.1 g) Class I & Coarser	Using Weights of accuracy class E2 & F1 as per OIML R-76-1	5 g to 30 kg	0.1 g
182	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance (d = 1 mg) Class I & Coarser	Using Weights of accuracy class E2 as per OIML R-76-1	100 mg to 1 kg	1 mg

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183	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity chamber/ climatic chamber/ Environmental chamber (Multi Position Calibration)	Using Temperature & humidity Data loggers wireless by Comparison Method	10 °C to 60 °C	1.69°C
184	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity chamber/ climatic chamber/ Environmental chamber @25°C (Multi Position Calibration)	Using Temperature & humidity Data loggers wireless by Comparison Method	10 %rh to 95 %rh	3.27 %rh
185	THERMAL-TEMPERATURE	Incubator, Autoclave, Oven, Temperature Bath, Chamber (For Non Medical Purpose Only) - Multi Position Calibration	Using RTD sensor with Multi Channel Data Logger by Comparison Method	30 °C to 300 °C	2.02°C
186	THERMAL-TEMPERATURE	Indicator with sensor of Temperature Bath, Chamber & Furnace - Multi Position Calibration	Using Thermocouple sensor with Multi Channel Data Logger by Comparison Method	300 °C to 1200 °C	7.36°C
187	THERMAL-TEMPERATURE	Infrared / Non-contact Type Thermometer	Using IR Pyrometer with Black body source (Emissivity: 0.95) By Comparison Method	50 °C to 500 °C	4.6°C

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188	THERMAL-TEMPERATURE	Infrared / Non-contact Type Thermometer	Using IR Pyrometer with Black body source (Emissivity: 0.95) By Comparison Method	500 °C to 1200 °C	8.2°C
189	THERMAL-TEMPERATURE	Liquid in Glass Thermometers	Using PRT with 6½ DMM or Multifunction calibrator and Liquid bath by Comparison Method	30 °C to 250 °C	0.58°C
190	THERMAL-TEMPERATURE	Temperature Gauge	Using PRT with 6½ DMM or Multifunction Calibrator and Liquid bath by comparison method	30 °C to 250 °C	1.16°C
191	THERMAL-TEMPERATURE	Temperature Indicator /Controller with Sensor of Dry Well Block & Furnace - Single Position Calibration	Using R- Type Thermocouple with Multifunction calibrator using Dry block temp bath by Comparison Method	650 °C to 1000 °C	2.80°C
192	THERMAL-TEMPERATURE	Temperature Indicator /Controller with Sensor of Dry Well Block & Furnace - Single Position Calibration	Using R- Type Thermocouple with Multifunction calibrator Using Dry block Temp Bath by Comparison Method	1000 °C to 1200 °C	3.30°C

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193	THERMAL-TEMPERATURE	Temperature Indicator /Controller with Sensor of Dry Well Block & Furnace - Single Position Calibration	Using SPRT with 6½ DMM or Multifunction calibrator Using Dry block Temp Bath by Comparison Method	400 °C to 650 °C	0.22°C
194	THERMAL-TEMPERATURE	Temperature Indicator /Controller with Sensor of Dry Well Block/ Liquid Bath / Incubators / Oven / Furnace (For Non Medical Purpose Only) - Single Position Calibration	Using SPRT with 6½ DMM or Multifunction calibrator and Liquid bath /Dry block by Comparison Method	50 °C to 250 °C	0.22°C
195	THERMAL-TEMPERATURE	Temperature Indicator /Controller with Sensor of Dry Well Block/ Liquid Bath / Incubators / Oven / Furnace (Non Medical Purpose Only)-Single Position Calibration	Using SPRT with 6½ DMM or Multifunction calibrator Using Dry block Temp Bath by Comparison Method	250 °C to 400 °C	0.22°C

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S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
196	THERMAL-TEMPERATURE	Temperature Indicator /Controller with Sensor of Dry Well Block/ Liquid Bath / Incubators / Oven / Furnace (Non Medical Purpose Only)-Single Position Calibration	Using SPRT with 6½ DMM or Multifunction calibrator and Liquid bath /Dry block by Comparison Method	-80 °C to 50 °C	0.22°C
197	THERMAL-TEMPERATURE	Temperature Indicator with Sensor of Deep Freezer, Refrigerators, Incubator, Oven, Temperature Bath, Chamber (For Non Medical Purpose Only)-Multi Position Calibration	Using RTD sensor with Multi Channel Data Logger by Comparison Method	-80 °C to 30 °C	1.74°C
198	THERMAL-TEMPERATURE	Temperature sensor (RTD/ Thermocouple) With & without indicator & Temperature transmitter	Using SPRT/PRT with 6½ DMM or Multifunction calibrator and Liquid/Dry block bath By Comparison Method	50 °C to 250 °C	0.09°C

SCOPE OF ACCREDITATION

Laboratory Name : GODREJ & BOYCE MFG. CO. LTD., LAWKIM MOTORS GROUP,, GODREJ & BOYCE MFG CO.LTD, GODREJ CALIBRATION SERVICES, GF NARMADA BUILDING, SHAKTI LOGISTICS PARK, MAKARPURA MANEJA ROAD, VADODARA, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 12/11/2022 to 17/05/2024 **Last Amended on** 19/07/2023

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
199	THERMAL-TEMPERATURE	Temperature sensor (RTD/ Thermocouple) With & without indicator & Temperature transmitter	Using SPRT with 6½ DMM or Multifunction calibrator Using Dry block bath By Comparison Method	250 °C to 650 °C	0.53°C
200	THERMAL-TEMPERATURE	Thermocouple Sensor / Temperature Transmitter / Temperature Sensor With & without indicator	Using R- Type Thermocouple with Multifunction calibrator & dry block Temperature baths by Comparison Method	650 °C to 1000 °C	2.90°C
201	THERMAL-TEMPERATURE	Thermocouple sensor /Temperature sensor / Temperature Transmitter With & without indicator	Using R- Type Thermocouple with Multifunction calibrator & dry block Temperature baths by Comparison Method	1000 °C to 1200 °C	3.50°C

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