National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ZEAL MANUFACTURING AND CALIBRATION SERVICES PRIVATE LIMITED, S.NO.:78/1, PANDHARI INDUSTRIAL ESTATE,SHIVANE, PUNE, MAHARASHTRA, INDIA		
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S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
Permanent Facility					
1	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Energy (1 Ph, 3 Ph) @ 40 Hz to 60 Hz, 40 V to 300 V, 20 mA to 120 A, UPF to 0.1 PF (Lag, Lead)	Using Three Phase Reference Meter With CT Along With Power Source By Direct Method / Comparison Method	0.08 Wh to 108 kWh	0.96 % to 0.23 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Power (1 Ph, 3 Ph) @ 40 Hz to 60 Hz, 40 V to 300 V, 20 mA to 120 A, UPF to 0.1 PF (Lag, Lead)	Using Three Phase Reference Meter With CT Along With Power Source By Direct Method / Comparison Method	0.08 W to 108 kW	0.96 % to 0.1 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Apparent Energy (1 Ph, 3 Ph) @ 40 Hz to 60 Hz, 40 V to 300 V, 20 mA to 120 A.	Using Three Phase Reference Meter With CT Along With Power Source By Direct Method / Comparison Method	0.8 VAh to 108 kVAh	0.96 % to 0.1 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Apparent Power (1 Ph, 3 Ph) @ 40 Hz to 60 Hz, 40 V to 300 V, 20 mA to 120 A.	Using Three Phase Reference Meter With CT Along With Power Source By Direct Method / Comparison Method	0.8 VA to 108 kVA	0.96 % to 0.1 %

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5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 10 Hz to 10 kHz	Using 8½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	1 A to 10 A	0.046 % to 0.1 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 10 Hz to 10 kHz	Using 8½ Digit Multimeter With Multifunction Calibrator By Direct / Comparison Method	10 µA to 100 mA	0.248 % to 0.057 %
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 10 Hz to 10 kHz	Using 8½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	10 A to 20 A	0.1 % to 0.187 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 10 Hz to 10 kHz	Using 8½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	100 mA to 1 A	0.057 % to 0.046 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 50 Hz	Using 6½ DMM, AC/DC High Current Shunt With AC High Current Source By Direct/Comparison Method	10 A to 300 A	0.82 % to 0.46 %

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10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 50 Hz	Using 6½ DMM, Current Transformer & AC/DC High Current Shunt With AC High Current Source By Direct/Comparison Method	300 A to 6000 A	0.46 % to 1.2 %
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 60 Hz	Using 6½ DMM, AC/DC High Current Shunt With AC High Current Source By Direct/Comparison Method	10 A to 100 A	0.82 % to 0.46 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @ 50 Hz	Using HV Measurement Unit With DMM With AC High Voltage Source By Direct/Comparison Method	1 kV to 100 kV	3 % to 3.4 %
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Energy (1 Ph, 3 Ph) @ 40 Hz to 60 Hz, 40 V to 300 V, 20 mA to 120 A, UPF to 0.1 PF (Lag, Lead)	Using Three Phase Reference Meter With CT Along With Power Source By Direct Method / Comparison Method	0.08 VArh to 108 kVArh	0.96 % to 0.1 %

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14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Power (1 Ph, 3 Ph) @ 40 Hz to 60 Hz, 40 V to 300 V, 20 mA to 120 A, UPF to 0.1 PF (Lag, Lead)	Using Three Phase Reference Meter With CT Along With Power Source By Direct Method / Comparison Method	0.08 VAr to 108 kVAr	0.96 % to 0.1 %
15	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Resistance @ 1 kHz (4 Wire)	Using LCR Meter With Resistance Box By Direct Method / Substitution Method	100 mohm to 100 ohm	0.59 % to 0.08 %
16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Resistance @1 kHz (4 Wire)	Using LCR Meter With Resistance Box By Direct Method / Substitution Method	10 mohm to 100 mohm	0.62 % to 0.59 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Resistance @1 kHz (4 Wire)	Using LCR Meter With Resistance Box By Direct Method / Substitution Method	100 ohm to 10 kohm	0.06 % to 0.47 %
18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @10 Hz to 100 kHz	Using 8½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	1 mV to 10 mV	0.80 % to 0.033 %

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19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @10 Hz to 100 kHz	Using 8½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	10 mV to 100 V	0.033 % to 0.056 %
20	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @40 Hz to 10 kHz	Using 8½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	100 V to 1000 V	0.009 % to 0.012 %
21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using LCR Meter With Capacitance Box By Direct Method/ Substitution Method	1 pF to 1 µF	0.6 % to 0.085 %
22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance@1 kHz	Using LCR Meter With Capacitance Box By Direct Method/ Substitution Method	1 µF to 1 mF	0.085 % to 0.1 %
23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Harmonics In Voltage & Current Upto 39 Order @ 50 Hz (63.5V to 250 V & 0.5A to 5A)	Using Three Phase Reference Meter With Power Source By Direct/Comparison Method	2nd Order (1% to 40 %) to 39th Order (1% to 40%)	0.82 %

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24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Inductance @ 1 kHz	Using LCR Meter With Inductance Box By Direct Method / Substitution Method	10 µH to 100 µH	1.45 % to 0.1 %
25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Inductance @1 kHz	Using LCR Meter With Inductance Box By Direct Method/ Substitution Method	100 µH to 10 H	0.1 %
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Power Factor (Lag, Lead & Unity) (1 Ph, 3 Ph) @ 40 Hz to 60 Hz, 40 V to 300 V, 10 mA to 120 A	Using Three Phase Reference Meter With CT Along With Power Source By Direct Method / Comparison Method	0.1 PF to Unity PF	0.007 PF
27	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 1 kHz to 10 kHz	Using Multifunction Calibrator By Direct Method	100 µA to 300 mA	0.23 % to 0.14 %
28	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 1 kHz to 10 kHz	Using Multifunction Calibrator By Direct Method	20 µA to 100 µA	10.4 % to 0.83 %

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29	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 1 kHz to 10 kHz	Using Multifunction Calibrator By Direct Method	3.2 A to 20 A	0.38 % to 0.71 %
30	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 1 kHz to 10 kHz	Using Multifunction Calibrator By Direct Method	300 mA to 3.2 A	0.14 % to 0.38 %
31	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 40 Hz to 1 kHz	Using Multifunction Calibrator By Direct Method	100 µA to 300 mA	0.47 % to 0.11 %
32	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 40 Hz to 1 kHz	Using Multifunction Calibrator By Direct Method	20 µA to 100 µA	5.3 % to 0.47 %
33	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 40 Hz to 1 kHz	Using Multifunction Calibrator By Direct Method	3.2 A to 20 A	0.14 % to 0.27 %
34	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 40 Hz to 1 kHz	Using Multifunction Calibrator By Direct Method	300 mA to 3.2 A	0.11 % to 0.14 %

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35	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Multifunction Calibrator With Current Coil By Direct Method	>10 A to 1000 A	0.77 %
36	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Resistance @ 1 kHz (4 Wire)	Using Decade Resistance Box by Direct Method	100 ohm to 10 kohm	0.12 % to 0.71 %
37	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Resistance @1kHz (4 Wire)	Using Decade Resistance Box by Direct Method	1 ohm to 100 ohm	0.58 % to 0.12 %
38	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz to 10 kHz	Using Multifunction Calibrator By Direct Method	10 mV to 60 mV	5.97 % to 0.10 %
39	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz to 10 kHz	Using Multifunction Calibrator By Direct Method	300 mV to 1000 V	0.06 % to 0.12 %
40	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz to 10 kHz	Using Multifunction Calibrator By Direct Method	60 mV to 300 mV	0.10 % to 0.06 %

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41	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 40 Hz to 1 kHz	Using Multifunction Calibrator By Direct Method	10 mV to 60 mV	4.50 % to 0.09 %
42	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 40 Hz to 1 kHz	Using Multifunction Calibrator By Direct Method	300 mV to 1000 V	0.06 % to 0.07 %
43	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 40 Hz to 1 kHz	Using Multifunction Calibrator By Direct Method	60 mV to 300 mV	0.09 % to 0.06 %
44	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1kHz	Using Decade Capacitance Box By Direct Method	10 pF to 1 mF	1.2 %
45	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @1kHz	Using Decade Inductance Box By Direct Method	100 µH to 10 H	1.2 %

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46	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	1 µA to 10 µA	0.073 % to 0.007 %
47	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	1 A to 20 A	0.02 % to 0.08 %
48	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	10 µA to 100 mA	0.007 % to 0.005 %
49	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 8½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	100 mA to 1 A	0.005 % to 0.02 %
50	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Current	Using 6½ DMM, AC/DC High Current Shunt With Multifunction Calibrator By Direct/Comparison Method	10 A to 20 A	0.17 %

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51	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Current	Using 6½ DMM, AC/DC High Current Shunt With DC High Current Source By Direct/Comparison Method	1000 A to 2000 A	0.45 % to 0.60 %
52	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Current	Using 6½ DMM, AC/DC High Current Shunt With DC High Current Source By Direct/Comparison Method	20 A to 1000 A	0.17 % to 0.45 %
53	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Measurement Unit With DMM With DC High Voltage Source By Direct/Comparison Method	1 kV to 100 kV	2.4 % to 3 %
54	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Low Resistance (4 Wire)	Using 8½ Digit DMM & Multifunction Calibrator By V/I Method	1 mohm to 1 ohm	0.085 %
55	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Low Resistance (4 Wire) Discrete	Using 8½ Digit DMM & Multifunction Calibrator By V/I Method	1 mohm	0.07 %

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56	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Low Resistance (4 Wire) Discrete	Using 8½ Digit DMM & Multifunction Calibrator By V/I Method	10 µohm	0.11 %
57	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Low Resistance (4 Wire) Discrete	Using 8½ Digit DMM & Multifunction Calibrator By V/I Method	10 mohm	0.07 %
58	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Low Resistance (4 Wire) Discrete	Using 8½ Digit DMM & Multifunction Calibrator By V/I Method	100 µohm	0.076 %
59	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Low Resistance (4 Wire) Discrete	Using 8½ Digit DMM & Multifunction Calibrator By V/I Method	100 mohm	0.07 %
60	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Low Resistance (4 Wire) Discrete	Using 8½ Digit DMM & Multifunction Calibrator By V/I Method	50 µohm	0.09 %
61	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Low Resistance(4 Wire) Discrete	Using 8½ Digit DMM & Multifunction Calibrator By V/I Method	1 ohm	0.027 %

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62	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Power (20 V to 200 V & 0.1 A to 30 A)	Using DC Power Meter By Direct Method	2 W to 6 kW	2.9 % to 0.25 %
63	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 Wire & 4 Wire)	Using 8½ Digit Multimeter By Direct Method	1 ohm to 10 kohm	0.002 % to 0.001 %
64	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 Wire)	Using 8½ Digit Multimeter By Direct Method	1 Gohm to 10 Gohm	0.05 % to 0.16 %
65	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 Wire)	Using 8½ Digit Multimeter By Direct Method	10 kohm to 10 Mohm	0.001 % to 0.003 %
66	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 Wire)	Using 8½ Digit Multimeter By Direct Method	10 Mohm to 100 Mohm	0.003 % to 0.005 %
67	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 Wire)	Using 8½ Digit Multimeter By Direct Method	100 Mohm to 1 Gohm	0.005 % to 0.05 %

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68	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	0.1 mV to 0.5 mV	0.215 % to 0.044 %
69	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	0.5 mV to 1 mV	0.044 % to 0.025 %
70	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	1 mV to 10 mV	0.025 % to 0.003 %
71	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 8½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	10 mV to 1000 V	0.003 % to 0.001 %
72	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using Mega ohm Meter By Direct Method	1 Mohm to 10 Gohm	2.49 % to 3.67 %

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73	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using Mega Ohm Meter By Direct Method	10 Gohm to 1 Tohm	3.87 % to 7.86 %
74	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	High Resistance @Test Voltage Upto 1000 V (2 Wire)	Using Mega ohm Meter By Direct Method	10 Gohm to 1000 Gohm	3.66 % to 7.86 %
75	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	High Resistance @Test Voltage Upto 5000 V (2 Wire)	Using Mega ohm Meter By Direct Method	1 Mohm to 10 Gohm	2.54 % to 3.87 %
76	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multifunction Calibrator With Current Coil By Direct Method	>10 A to 1000 A	0.81 %
77	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multifunction Calibrator By Direct Method	10 µA to 300 mA	0.16 % to 0.03 %
78	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multifunction Calibrator By Direct Method	10 A to 20 A	0.08 % to 0.09 %

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79	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multifunction Calibrator By Direct Method	300 mA to 10 A	0.03 % to 0.08 %
80	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire)	Using Precision Decade Resistance Box By Direct Method	1 mohm to 1 ohm	5.77 % to 1.15 %
81	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire) Discrete	Using Discrete Standard Resistors By Direct Method	1 mohm	0.14 %
82	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire) Discrete	Using Discrete Standard Resistors By Direct Method	1 ohm	0.12 %
83	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire) Discrete	Using Discrete Standard Resistors By Direct Method	10 µohm	0.75 %
84	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire) Discrete	Using Discrete Standard Resistors By Direct Method	10 mohm	0.14 %

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85	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire) Discrete	Using Discrete Standard Resistor By Direct Method	100 µohm	0.47 %
86	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire) Discrete	Using Discrete Standard Resistors By Direct Method	100 mohm	0.14 %
87	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire) Discrete	Using Discrete Standard Resistors By Direct Method	50 µohm	1.02 %
88	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	1 kohm	0.029 %
89	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	1 ohm	0.12 %
90	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Multifunction Calibrator By Direct Method	1 ohm to 10 kohm	1.19 % to 0.03 %

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91	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	10 kohm	0.029 %
92	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	10 ohm	0.116 %
93	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	100 kohm	0.029 %
94	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	100 ohm	0.116 %
95	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	5 kohm	0.029 %
96	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	5 ohm	0.12 %

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97	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	50 kohm	0.029 %
98	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	50 ohm	0.116 %
99	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	500 ohm	0.116 %
100	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	500 kohm	0.029 %
101	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	1 Gohm	0.65 %
102	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	1 Mohm	0.029 %

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103	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Multifunction Calibrator By Direct Method	1 Mohm to 40 Mohm	0.07 % to 0.18 %
104	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	10 Gohm	0.92 %
105	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Multifunction Calibrator By Direct Method	10 kohm to 1 Mohm	0.03 % to 0.07 %
106	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	10 Mohm	0.058 %
107	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	100 Mohm	0.064 %
108	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	3 Gohm	0.92 %

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109	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Multifunction Calibrator By Direct Method	40 Mohm to 400 Mohm	0.18 % to 0.51 %
110	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	5 Gohm	0.92 %
111	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	5 Mohm	0.058 %
112	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	50 Mohm	0.062 %
113	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	500 Mohm	0.058 %
114	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	7 Gohm	0.92 %

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115	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multifunction Calibrator By Direct Method	0.2 mV to 1 mV	3.78 % to 0.76 %
116	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multifunction Calibrator By Direct Method	1 mV to 30 mV	0.76 % to 0.03 %
117	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multifunction Calibrator By Direct Method	30 mV to 1000 V	0.03 % to 0.01 %
118	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance (@Test Voltage Upto 5000 V, 2 Wire)	Using High Resistance Jig By Direct Method	10 Gohm	3.06 %
119	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	1 Gohm	2.40 %
120	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	1 Mohm	2.58 %

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121	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	10 Gohm	2.40 %
122	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	10 Mohm	2.46 %
123	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	100 Gohm	5.85 %
124	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	100 Mohm	2.46 %
125	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	1000 Gohm	5.85 %
126	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	1000 Mohm	2.48 %

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127	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	2 Gohm	2.40 %
128	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	2 Mohm	2.46 %
129	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	200 Gohm	5.85 %
130	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	200 Mohm	2.46 %
131	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	5 Gohm	2.40 %
132	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	5 Mohm	2.46 %

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133	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	50 Gohm	2.40 %
134	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	50 Mohm	2.46 %
135	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	500 Gohm	5.85 %
136	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	500 Mohm	2.46 %
137	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	700 Mohm	2.46 %
138	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	1 Gohm	2.90 %

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139	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	1 Mohm	3.13 %
140	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	10 Mohm	3.06 %
141	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	100 Gohm	6.11 %
142	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	100 Mohm	3.06 %
143	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	1000 Gohm	6.14 %
144	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	1000 Mohm	3.06 %

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145	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	2 Gohm	3.06 %
146	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	2 Mohm	2.95 %
147	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	200 Gohm	6.02 %
148	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	200 Mohm	2.95 %
149	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	5 Gohm	2.90 %
150	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	5 Mohm	2.95 %

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151	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	50 Gohm	2.90 %
152	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	50 Mohm	2.95 %
153	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	500 Gohm	6.02 %
154	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	500 Mohm	2.95 %
155	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	700 Mohm	2.95 %
156	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope (Amplitude - DC Voltage)	Using Multifunction Calibrator By Direct Method	5 mV / div to 20 V / div	0.25 % to 0.27 %

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157	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope (Bandwidth - 50 ohm)	Using Sine Wave Generator By Direct Method	500 kHz to 250 MHz	5.86 %
158	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope (Time Base)	Using Sine Wave Generator By Direct Method	5 ns / div to 20 µs / div	0.98 % to 0.12 %
159	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope (Time Base)	Using Multifunction Calibrator By Direct Method	10 µs / div to 0.5 s / div	0.12 %
160	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	B Type Thermocouple	Using 8½ Digit Multimeter By Direct Method	600 °C to 1820 °C	0.1 °C
161	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	E Type Thermocouple	Using 8½ Digit Multimeter By Direct Method	-250 °C to 1000 °C	0.1 °C
162	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	J Type Thermocouple	Using 8½ Digit Multimeter By Direct Method	-210 ºC to 1200 ºC	0.1 ºC

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163	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	K Type Thermocouple	Using 8½ Digit Multimeter By Direct Method	-230 °C to 1300 °C	0.1 °C
164	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	L Type Thermocouple	Using 8½ Digit Multimeter By Direct Method	-200 °C to 900 °C	0.1 °C
165	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	N Type Thermocouple	Using 8½ Digit Multimeter By Direct Method	(-) 200 °C to 1200 °C	0.1 °C
166	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	R Type Thermocouple	Using 8½ Digit Multimeter By Direct Method	-50 °C to 1768 °C	0.16 °C
167	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD Type	Using 8½ Digit Multimeter By Direct Method	-200 °C to 800 °C	0.08 °C
168	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	S Type Thermocouple	Using 8½ Digit Multimeter By Direct Method	-50 °C to 1768 °C	0.2 °C

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169	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	T Type Thermocouple	Using 8½ Digit Multimeter By Direct Method	-200 °C to 400 °C	0.2 °C
170	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	E Type Thermocouple	Using Multifunction Calibrator By Direct Method	-200 °C to 1000 °C	0.79 °C
171	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	J Type Thermocouple	Using Multifunction Calibrator By Direct Method	-200 °C to 1200 °C	0.73 °C
172	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	K Type Thermocouple	Using Multifunction Calibrator By Direct Method	-200 °C to 1300 °C	0.67 °C
173	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	N Type Thermocouple	Using Multifunction Calibrator By Direct Method	-200 °C to 1200 °C	0.79 °C
174	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD Type	Using Multifunction Calibrator By Direct Method	-200 °C to 800 °C	0.79 °C

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175	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	T Type Thermocouple	Using Multifunction Calibrator By Direct Method	-200 °C to 400 °C	0.73 °C
176	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using Frequency Counter By Direct Method	0.2 Hz to 100 MHz	0.29 % to 0.012 %
177	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using Frequency Counter With Sine Wave Generator By Direct / Comparison Method	100 MHz to 225 MHz	0.012 % to 0.001 %
178	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Interval Meter By Comparison Method	1 s to 60 s	0.002 s to 0.009 s
179	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Interval Meter By Comparison Method	10 Hr to 24 Hr	4.3 s to 10.2 s
180	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Interval Meter By Comparison Method	10000 s to 10 Hr	1.53 s to 4.3 s

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181	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Interval Meter By Comparison Method	1800 s to 3600 s	0.26 s to 0.51 s
182	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Interval Meter By Comparison Method	3600 s to 10000 s	0.51 s to 1.53 s
183	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Interval Meter By Comparison Method	60 s to 1800 s	0.009 s to 0.26 s
184	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	TIME & PERIOD	Using Frequency Counter By Direct Method	5 ns to 5 s	0.012 %
185	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multifunction Calibrator By Direct Method	1 Hz to 10 MHz	0.59 % to 0.007 %
186	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Time	Using Time / Event Calibrator By Comparison Method	1 s to 60 s	0.002 s to 0.015 s

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187	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Time	Using Multifunction Calibrator By Direct Method	10 µs to 100 ms	1.15 µs to 0.003 ms
188	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Time	Using Multifunction Calibrator By Direct Method	100 ms to 1000 ms	0.003 ms to 0.03 ms
189	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Time	Using Time / Event Calibrator By Comparison Method	1800 s to 1 Hr	0.45 s to 0.9 s
190	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Time	Using Time / Event Calibrator By Comparison Method	60 s to 1800 s	0.015 s to 0.45 s

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Site Facility					
1	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Energy (1 Ph, 3 Ph) @ 40 Hz to 60 Hz, 40 V to 300 V, 20 mA to 120 A, UPF to 0.1 PF (Lag, Lead)	Using Three Phase Reference Meter With CT Along With Power Source By Direct Method / Comparison Method	0.08 Wh to 108 kWh	0.96 % to 0.23 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Power (1 Ph, 3 Ph) @ 40 Hz to 60 Hz, 40 V to 300 V, 20 mA to 120 A, UPF to 0.1 PF (Lag, Lead)	Using Three Phase Reference Meter With CT Along With Power Source By Direct Method / Comparison Method	0.08 W to 108 kW	0.96 % to 0.1 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Apparent Energy (1 Ph, 3 Ph) @ 40 Hz to 60 Hz, 40 V to 300 V, 20 mA to 120 A.	Using Three Phase Reference Meter With CT Along With Power Source By Direct Method / Comparison Method	0.8 VAh to 108 kVAh	0.96 % to 0.1 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Apparent Power (1 Ph, 3 Ph) @ 40 Hz to 60 Hz, 40 V to 300 V, 20 mA to 120 A.	Using Three Phase Reference Meter With CT Along With Power Source By Direct Method / Comparison Method	0.8 VA to 108 kVA	0.96 % to 0.1 %

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5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @10 Hz to 5 kHz	Using 6½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	1 A to 10 A	0.19 % to 0.27 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @10 Hz to 5 kHz	Using 6½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	10 µA to 100 mA	0.66 % to 0.17 %
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @10 Hz to 5 kHz	Using 6½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	100 mA to 1 A	0.17 % to 0.19 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 50 Hz	Using 6½ DMM, AC/DC High Current Shunt With AC High Current Source By Direct/Comparison Method	10 A to 300 A	0.82 % to 0.46 %

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9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 50 Hz	Using 6½ DMM, Current Transformer & AC/DC High Current Shunt With AC High Current Source By Direct/Comparison Method	300 A to 6000 A	0.46 % to 1.2 %
10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 60 Hz	Using 6½ DMM, AC/DC High Current Shunt With AC High Current Source By Direct/Comparison Method	10 A to 100 A	0.82 % to 0.46 %
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @ 50 Hz	Using HV Measurement Unit With DMM With AC High Voltage Source By Direct/Comparison Method	1 kV to 100 kV	3 % to 3.4 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Energy (1 Ph, 3 Ph) @ 40 Hz to 60 Hz, 40 V to 300 V, 20 mA to 120 A, UPF to 0.1 PF (Lag, Lead)	Using Three Phase Reference Meter With CT Along With Power Source By Direct Method / Comparison Method	0.08 VArh to 108 kVArh	0.96 % to 0.1 %

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13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Power (1 Ph, 3 Ph) @ 40 Hz to 60 Hz, 40 V to 300 V, 20 mA to 120 A, UPF to 0.1 PF (Lag, Lead)	Using Three Phase Reference Meter With CT Along With Power Source By Direct Method / Comparison Method	0.08 VAr to 108 kVAr	0.96 % to 0.1 %
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Resistance @ 1 kHz (4 Wire)	Using LCR Meter With Resistance Box By Direct Method / Substitution Method	100 mohm to 100 ohm	0.59 % to 0.08 %
15	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Resistance @1 kHz (4 Wire)	Using LCR Meter With Resistance Box By Direct Method / Substitution Method	10 mohm to 100 mohm	0.62 % to 0.59 %
16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Resistance @1 kHz (4 Wire)	Using LCR Meter With Resistance Box By Direct Method / Substitution Method	100 ohm to 10 kohm	0.06 % to 0.47 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @10 Hz to 50 Hz	Using 6½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	1 mV to 20 mV	4.9 % to 0.31 %

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18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @10 Hz to 50 Hz	Using 6½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	100 mV to 100 V	0.13 % to 0.25 %
19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @10 Hz to 50 Hz	Using 6½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	20 mV to 100 mV	0.31 % to 0.13 %
20	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @50 Hz to 10 kHz	Using 6½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	1 mV to 20 mV	4.74 % to 0.30 %
21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @50 Hz to 10 kHz	Using 6½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	100 mV to 1000 V	0.12 % to 0.11 %
22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @50 Hz to 10 kHz	Using 6½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	20 mV to 100 mV	0.30 % to 0.12 %

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23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using LCR Meter With Capacitance Box By Direct Method/ Substitution Method	1 pF to 1 µF	0.6 % to 0.085 %
24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance@1 kHz	Using LCR Meter With Capacitance Box By Direct Method/ Substitution Method	1 µF to 1 mF	0.085 % to 0.1 %
25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Harmonics In Voltage & Current Upto 39 Order @ 50 Hz (63.5V to 250 V & 0.5A to 5A)	Using Three Phase Reference Meter With Power Source By Direct/Comparison Method	2nd Order (1% to 40 %) to 39th Order (1% to 40%)	0.82 %
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Inductance @ 1 kHz	Using LCR Meter With Inductance Box By Direct Method / Substitution Method	10 µH to 100 µH	1.45 % to 0.1 %
27	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Inductance @1 kHz	Using LCR Meter With Inductance Box By Direct Method/ Substitution Method	100 µH to 10 H	0.1 %

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28	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Power Factor (Lag, Lead & Unity) (1 Ph, 3 Ph) @ 40 Hz to 60 Hz, 40 V to 300 V, 10 mA to 120 A	Using Three Phase Reference Meter With CT Along With Power Source By Direct Method / Comparison Method	0.1 PF to Unity PF	0.007 PF
29	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @50Hz	Using 5½ Digit Multifunction Calibrator With Current Coil By Direct Method	>10 A to 1000 A	1.0 %
30	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @50Hz to 1kHz	Using 5½ Digit Multifunction Calibrator By Direct Method	0.1 mA to 20 mA	0.36 % to 0.19 %
31	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @50Hz to 1kHz	Using 5½ Digit Multifunction Calibrator By Direct Method	20 mA to 10 A	0.19 % to 0.21 %
32	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Resistance @ 1 kHz (4 Wire)	Using Decade Resistance Box by Direct Method	100 ohm to 10 kohm	0.12 % to 0.71 %

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33	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Resistance @1kHz (4 Wire)	Using Decade Resistance Box by Direct Method	1 ohm to 100 ohm	0.58 % to 0.12 %
34	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @50Hz to 1kHz	Using 5½ Digit Multifunction Calibrator By Direct Method	200 mV to 1000 V	0.18 % to 0.19 %
35	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @50Hz to 1kHz	Using 5½ Digit Multifunction Calibrator By Direct Method	5 mV to 200 mV	0.58 % to 0.18 %
36	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1kHz	Using Decade Capacitance Box By Direct Method	10 pF to 1 mF	1.2 %
37	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @1kHz	Using Decade Inductance Box By Direct Method	100 µH to 10 H	1.2 %

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38	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	1 A to 10 A	0.08 % to 0.19 %
39	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	10 µA to 100 mA	0.36 % to 0.06 %
40	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	100 mA to 1 A	0.06 % to 0.08 %
41	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Current	Using 6½ DMM, AC/DC High Current Shunt With Multifunction Calibrator By Direct/Comparison Method	10 A to 20 A	0.17 %
42	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Current	Using 6½ DMM, AC/DC High Current Shunt With DC High Current Source By Direct/Comparison Method	1000 A to 2000 A	0.45 % to 0.60 %

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43	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Measurement Unit With DMM With DC High Voltage Source By Direct/Comparison Method	1 kV to 100 kV	2.4 % to 3 %
44	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Power (20 V to 200 V & 0.1 A to 30 A)	Using DC Power Meter By Direct Method	2 W to 6 kW	2.9 % to 0.25 %
45	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 Wire & 4 Wire)	Using 6½ Digit Multimeter & Resistance Box By Direct Method/ Substitution Method	1 ohm to 100 kohm	0.36 % to 0.013 %
46	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 Wire)	Using 6½ Digit Multimeter & Resistance Box By Direct Method/ Substitution Method	10 Mohm to 100 Mohm	0.048 % to 0.94 %
47	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 Wire)	Using 6½ Digit Multimeter & Resistance Box By Direct Method/ Substitution Method	100 kohm to 10 Mohm	0.013 % to 0.048 %

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48	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 Wire)	Using 6½ Digit Multimeter & Resistance Box By Direct Method/ Substitution Method	100 Mohm to 1000 Mohm	0.94 % to 2.34 %
49	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	0.1 mV to 0.5 mV	4.1 % to 0.82 %
50	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	0.5 mV to 1 mV	0.82 % to 0.41 %
51	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	1 mV to 20 mV	0.41 % to 0.025 %
52	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter With Multifunction Calibrator By Direct/Comparison Method	20 mV to 1000 V	0.025 % to 0.007 %

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53	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using Mega ohm Meter By Direct Method	1 Mohm to 10 Gohm	2.49 % to 3.67 %
54	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using Mega Ohm Meter By Direct Method	10 Gohm to 1 Tohm	3.87 % to 7.86 %
55	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	High Resistance @Test Voltage Upto 1000 V (2 Wire)	Using Mega ohm Meter By Direct Method	10 Gohm to 1000 Gohm	3.66 % to 7.86 %
56	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	High Resistance @Test Voltage Upto 5000 V (2 Wire)	Using Mega ohm Meter By Direct Method	1 Mohm to 10 Gohm	2.54 % to 3.87 %
57	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using 5½ Digit Multifunction Calibrator With Current Coil By Direct Method	>10 A to 1000 A	0.96 %
58	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using 5½ Digit Multifunction Calibrator By Direct Method	0.1 mA to 20 mA	0.24 % to 0.12 %

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59	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using 5½ Digit Multifunction Calibrator By Direct Method	20 mA to 10 A	0.12 % to 0.13 %
60	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire)	Using Precision Decade Resistance Box By Direct Method	1 mohm to 1 ohm	5.77 % to 1.15 %
61	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire) Discrete	Using Discrete Standard Resistors By Direct Method	1 mohm	0.14 %
62	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire) Discrete	Using Discrete Standard Resistors By Direct Method	1 ohm	0.12 %
63	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire) Discrete	Using Discrete Standard Resistors By Direct Method	10 µohm	0.75 %
64	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire) Discrete	Using Discrete Standard Resistors By Direct Method	10 mohm	0.14 %

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65	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire) Discrete	Using Discrete Standard Resistor By Direct Method	100 µohm	0.47 %
66	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire) Discrete	Using Discrete Standard Resistors By Direct Method	100 mohm	0.14 %
67	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire) Discrete	Using Discrete Standard Resistors By Direct Method	50 µohm	1.02 %
68	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	1 kohm	0.029 %
69	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	1 ohm	0.12 %
70	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	10 kohm	0.029 %

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71	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	10 ohm	0.116 %
72	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	100 kohm	0.029 %
73	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	100 ohm	0.116 %
74	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	5 kohm	0.029 %
75	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	5 ohm	0.12 %
76	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	50 kohm	0.029 %

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77	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	50 ohm	0.116 %
78	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire & 4 Wire)	Using Resistance Box By Direct Method	500 ohm	0.116 %
79	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	1 Gohm	0.65 %
80	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	1 Mohm	0.029 %
81	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	10 Gohm	0.92 %
82	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	10 Mohm	0.058 %

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83	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	100 Mohm	0.064 %
84	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	3 Gohm	0.92 %
85	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	5 Gohm	0.92 %
86	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	5 Mohm	0.058 %
87	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	50 Mohm	0.062 %
88	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	500 Mohm	0.058 %

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89	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Resistance Box By Direct Method	7 Gohm	0.92 %
90	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using 5½ Digit Multifunction Calibrator By Direct Method	1 mV to 200 mV	1.43 % to 0.12 %
91	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using 5½ Digit Multifunction Calibrator By Direct Method	200 mV to 1000 V	0.12 % to 0.13 %
92	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance (@Test Voltage Upto 5000 V, 2 Wire)	Using High Resistance Jig By Direct Method	10 Gohm	3.06 %
93	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	1 Gohm	2.40 %
94	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	1 Mohm	2.58 %

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95	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	10 Gohm	2.40 %
96	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	10 Mohm	2.46 %
97	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	100 Gohm	5.85 %
98	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	100 Mohm	2.46 %
99	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	1000 Gohm	5.85 %
100	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	1000 Mohm	2.48 %

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101	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	2 Gohm	2.40 %
102	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	2 Mohm	2.46 %
103	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	200 Gohm	5.85 %
104	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	200 Mohm	2.46 %
105	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	5 Gohm	2.40 %
106	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	5 Mohm	2.46 %

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107	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	50 Gohm	2.40 %
108	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	50 Mohm	2.46 %
109	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	500 Gohm	5.85 %
110	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	500 Mohm	2.46 %
111	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 1000 V (2 Wire)	Using High Resistance Jig By Direct Method	700 Mohm	2.46 %
112	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	1 Gohm	2.90 %

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113	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	1 Mohm	3.13 %
114	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	10 Mohm	3.06 %
115	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	100 Gohm	6.11 %
116	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	100 Mohm	3.06 %
117	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	1000 Gohm	6.14 %
118	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	1000 Mohm	3.06 %

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119	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	2 Gohm	3.06 %
120	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	2 Mohm	2.95 %
121	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	200 Gohm	6.02 %
122	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	200 Mohm	2.95 %
123	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	5 Gohm	2.90 %
124	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	5 Mohm	2.95 %

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125	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	50 Gohm	2.90 %
126	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	50 Mohm	2.95 %
127	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	500 Gohm	6.02 %
128	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	500 Mohm	2.95 %
129	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ Test Voltage Upto 5000 V (2 Wire)	Using High Resistance Jig By Direct Method	700 Mohm	2.95 %
130	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using Frequency Counter By Direct Method	0.2 Hz to 100 MHz	0.29 % to 0.012 %

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131	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using Frequency Counter With Sine Wave Generator By Direct / Comparison Method	100 MHz to 225 MHz	0.012 % to 0.001 %
132	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Interval Meter By Comparison Method	1 s to 60 s	0.002 s to 0.009 s
133	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Interval Meter By Comparison Method	10 Hr to 24 Hr	4.3 s to 10.2 s
134	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Interval Meter By Comparison Method	10000 s to 10 Hr	1.53 s to 4.3 s
135	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Interval Meter By Comparison Method	1800 s to 3600 s	0.26 s to 0.51 s
136	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Interval Meter By Comparison Method	3600 s to 10000 s	0.51 s to 1.53 s

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137	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Interval Meter By Comparison Method	60 s to 1800 s	0.009 s to 0.26 s
138	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	TIME & PERIOD	Using Frequency Counter By Direct Method	5 ns to 5 s	0.012 %
139	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Time	Using Time / Event Calibrator By Comparison Method	1 s to 60 s	0.002 s to 0.015 s
140	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Time	Using Time / Event Calibrator By Comparison Method	1800 s to 1 Hr	0.45 s to 0.9 s
141	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Time	Using Time / Event Calibrator By Comparison Method	60 s to 1800 s	0.015 s to 0.45 s

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