National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

AJIT ELECTRONICS CORPORATION

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

B-310/311, JAI ESTATE, PHASE I, DOMBIVALI (E), DOMBIVLI, THANE, MAHARASHTRA, INDIA

in the field of

CALIBRATION

Certificate Number: CC-4458

Issue Date: 25/06/2025 **Valid Until:** 24/06/2029

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of thislaboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: AJIT ELECTRONICS CORPORATION

Signed for and on behalf of NABL

Anita Rani
Director

N. Venkateswaran
Chief Executive Officer

SCOPE OF ACCREDITATION

Laboratory Name :	AJIT ELECTRONICS CORPORATION, B-310/311, JAI ESTATE, PHASE I, DOMBIVALI (E), DOMBIVLI, THANE, MAHARASHTRA, INDIA		
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S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
Permanent Facility					
1	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current 50 Hz to 1 kHz	Using 6 ½ DMM by Direct method	1 mA to 10 mA	0.39 % to 0.35 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current 50 Hz to 1 kHz	Using 6 ½ DMM by Direct method	100 µA to 1 mA	0.41 % to 0.39 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current 50 Hz to 1 kHz	Using 6 ½ DMM by Direct Method	10 mA to 100 mA	0.35 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current 50 Hz to 1 kHz	Using 6 ½ DMM by Direct method	100 mA to 10 A	0.4 % to 0.41 %

SCOPE OF ACCREDITATION

Laboratory Name : AJIT ELECTRONICS CORPORATION, B-310/311, JAI ESTATE, PHASE I, DOMBIVALI (E), DOMBIVLI, THANE, MAHARASHTRA, INDIA

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5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 50 Hz	Using 6½ DMM Standard Current Transformers. by Direct Method	20 A to 5000 A	0.2 % to 2.9 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage 50 Hz to 1 kHz	Using 6 ½ DMM by Direct Method	1 V to 10 V	0.20 % to 0.15 %
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage 50 Hz to 1 kHz	Using 6 ½ DMM by Direct Method.	10 V to 100 V	0.15 % to 0.14 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage 50 Hz to 1 kHz	Using 6½ DMM by Direct Method	100 mV to 1 V	0.14 % to 0.70 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 1 kHz	Using MPC by Direct Method	30 µA to 300 µA	3.23 % to 0.70 %

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Laboratory Name :	AJIT ELECTRONICS CORPORATION, B-310/311, JAI ESTATE, PHASE I, DOMBIVALI (E), DOMBIVLI, THANE, MAHARASHTRA, INDIA		
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10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using MPC with Current coil by Direct Method	50 A to 1000 A	0.70 % to 1.41 %
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 1 kHz	Using MPC by direct method	3 mA to 20 A	0.95 % to 0.7 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 1 kHz	Using MPC by Direct method	300 µA to 3 mA	0.7 % to 0.95 %
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Power @ 50 Hz 1 phase (25 V - 600 V, 0.1 A - 20 A, 0.2 PF to UPF)	Using MPC by Direct Method	0.5 W to 12.5 kW	3.84 % to 1 %
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage 45 Hz to 1 kHz	Using MPC by Direct Method.	10 mV to 30 mV	5.34 % to 0.61 %
15	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage 45 Hz to 1 kHz	Using MPC by Direct Method	30 mV to 30 V	0.61 % to 0.4 %

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16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage 45 Hz to 1 kHz	Using MPC by Direct Method	30 V to 300 V	0.4 % to 0.2 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage 45 Hz to 1 kHz	Using MPC by Direct Method	300 V to 1000 V	0.2 % to 0.25 %
18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance & Tan Delta / Dissipation factor Measurement @ 50 Hz	Using Standard Capacitors with Dissipation Unit by Direct Method	100 PF @ 10 kV to 1000 PF @ 10 kV	0.8 % to 2 %
19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Dissipation factor / Tan Delta Measurement @ 50 Hz @ up to 10 kV	Using Standard Capacitors with Dissipation Unit by Direct Method	0.0005 to 0.1500	0.0009 to 0.05
20	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Power factor @ 230 V, 1 A	Using MPC by Direct Method	0.2 PF to 1 PF	0.30 PF
21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance (2 Wire)	Using MPC by Direct Method	1 Mohm to 19 Mohm	0.06 % to 0.2 %

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22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance (2 Wire)	Using MPC by Direct Method	1 ohm to 190 ohm	1.36 % to 0.04 %
23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance (2 Wire)	Using MPC by Direct Method	19 Mohm to 190 Mohm	0.2 % to 1.3 %
24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance (2 Wire)	Using MPC by Direct Method	190 kohm to 1 Mohm	0.06 %
25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance (2 Wire)	Using MPC by Direct Method	190 ohm to 190 kohm	0.04 % to 0.05 %
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Voltage ratio / turns ratio measurement	Using two 6.5 digit DMM by Direct Method	1 to 200	0.3 % to 0.45 %
27	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ DMM by Direct method	10 µA to 100 µA	1.3 %

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28	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ DMM by Direct method	10 mA to 390 mA	0.14 % to 0.2 %
29	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ DMM by Direct method	100 µA to 10 mA	0.15 % to 0.14 %
30	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC current	Using DC shunt and DMM by Direct method	15 A to 200 A	0.6 % to 0.7 %
31	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ DMM by Direct method.	390 mA to 10 A	0.2 % to 0.2 %
32	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Current Measurement.	Using 1000 A / 75 mV Shunt and 6.5 digit DMM by V/I method	200 A to 1000 A	1.2 % to 0.9 %
33	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Divider with DMM by Direct Method	1 kV to 40 kV	3.0 % to 3.3 %

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34	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 wire & 4 wire)	Using 6 ½ DMM by Direct Method	10 ohm to 100 ohm	0.05 % to 0.01 %
35	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6 ½ DMM by Direct method	1 mV to 100 mV	0.70 % to 0.02 %
36	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6 ½ DMM by Direct method	10 V to 1000 V	0.059 %
37	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6 ½ DMM by Direct method	100 mV to 10 V	0.02 %
38	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using MPC by Direct Method	30 V to 300 V	0.05 % to 0.02 %
39	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using MPC by Direct Method	300 V to 1000 V	0.02 %

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40	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using MPC by Direct Method	1 mA to 10 mA	0.14 % to 0.06 %
41	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using MPC by Direct Method	10 µA to 100 µA	1.3 % to 0.2 %
42	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using MPC by Direct Method	10 mA to 300 mA	0.06 % to 0.07 %
43	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using MPC by Direct Method	100 µA to 1 mA	0.20 % to 0.14 %
44	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using MPC by Direct Method	300 mA to 20 A	0.07 % to 0.58 %
45	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using MPC with 50 turn current coil by Direct method.	50 A to 1000 A	0.64 % to 1.09 %

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46	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using MPC by Direct method	1 mV to 30 V	1.2 % to 0.05 %
47	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	0.0005 ohm	1.1 %
48	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	0.001 ohm	1 %
49	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	0.002 ohm	0.6 %
50	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	0.01 ohm	0.06 %
51	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	0.018 ohm	1 %

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52	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	0.1 ohm	1 %
53	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	0.18 ohm	1 %
54	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	1 ohm	0.1 %
55	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	1.8 ohm	1 %
56	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Witre)	Using Micro Milli ohm Calibrator by Direct Method	18.0 ohm	0.1 %
57	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance (2 Wire)	Using High Value Decade Mega ohm Box by Direct method.	9 Gohm to 90 Gohm	2.44 % to 3.78 %

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58	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance (2 Wire)	Using High Value Decade Mega ohm Box by Direct method.	90 Gohm to 1000 Gohm	3.78 % to 7.08 %
59	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance (2 Wire) @ 1000 V	Using High Value Decade Mega ohm By Direct method	0.9 Mohm to 9 Mohm	0.59 % to 1.16 %
60	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V (2 Wire)	Using High Value Decade Mega ohm Box By Direct method	0.1 Mohm to 0.9 Mohm	4.9 %
61	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V (2 Wire)	Using High Value Decade Mega ohm Box By Direct method	9 Mohm to 90 Mohm	2 % to 2.44 %
62	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V (2 Wire)	Using High Value Decade Mega ohm Box By Direct method	900 Mohm to 9 Gohm	1.55 % to 2.44 %
63	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V DC	Using High Value Decade Mega ohm Box by Direct method	90 Mohm to 900 Mohm	1.4 % to 1.55 %

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64	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using High Value Decade Mega ohm Box by Direct method	0.01 ohm to 0.09 ohm	2.49 % to 0.6 %
65	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using High Precision Decade Resistance Box by Direct Method	0.09 ohm to 0.9 ohm	0.60 % to 0.06 %
66	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using High Precision Decade Resistance Box by Direct Method	0.9 ohm to 9 ohm	0.10 %
67	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using High Precision Decade Resistance Box by Direct Method	9 kohm to 100 kohm	0.10 %
68	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using High Precision Decade Resistance Box by Direct Method.	9 ohm to 90 ohm	0.10 %
69	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using High Precision Decade Resistance Box by Direct Method	90 ohm to 900 ohm	0.10 %

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70	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using High Precision Decade Resistance Box by Direct Method	900 ohm to 9 kohm	0.10 %
71	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency @ 230 V	Using 6 ½ DMM by Direct method	10 Hz to 1 MHz	0.18 % to 0.10 %
72	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Calibrator by Comparison Method	0.1 s to 999 s	0.001 s to 1.2 s
73	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using MPC by Direct Method	120 Hz to 1000 Hz	0.06 %
74	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using MPC by Direct Method	45 Hz to 119.99 Hz	0.03 %

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Site Facility					
1	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current 50 Hz to 1 kHz	Using 6 ½ DMM by Direct method	1 mA to 10 mA	0.39 % to 0.35 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current 50 Hz to 1 kHz	Using 6 ½ DMM by Direct method	100 µA to 1 mA	0.41 % to 0.39 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current 50 Hz to 1 kHz	Using 6 ½ DMM by Direct Method	10 mA to 100 mA	0.35 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current 50 Hz to 1 kHz	Using 6 ½ DMM by Direct method	100 mA to 10 A	0.4 % to 0.41 %

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5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 50 Hz	Using 6½ DMM Standard Current Transformers. by Direct Method	20 A to 5000 A	0.2 % to 2.9 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @ 50 Hz	Using HV divider with kV meter/HV probe by direct method	1 kV to 100 kV	3.3 %
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage 50 Hz to 1 kHz	Using 6 ½ DMM by Direct Method	1 V to 10 V	0.20 % to 0.15 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage 50 Hz to 1 kHz	Using 6 ½ DMM by Direct Method.	10 V to 100 V	0.15 % to 0.14 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage 50 Hz to 1 kHz	Using 6½ DMM by Direct Method	100 mV to 1 V	0.14 % to 0.70 %

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10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 1 kHz	Using MPC by Direct Method	30 µA to 300 µA	3.23 % to 0.70 %
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using MPC with Current coil by Direct Method	50 A to 1000 A	0.70 % to 1.41 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 1 kHz	Using MPC by direct method	3 mA to 20 A	0.95 % to 0.7 %
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 1 kHz	Using MPC by Direct method	300 µA to 3 mA	0.7 % to 0.95 %
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Power @ 50 Hz 1 phase (25 V - 600 V, 0.1 A - 20 A, 0.2 PF to UPF)	Using MPC by Direct Method	0.5 W to 12.5 kW	3.84 % to 1 %
15	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage 45 Hz to 1 kHz	Using MPC by Direct Method.	10 mV to 30 mV	5.34 % to 0.61 %

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16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage 45 Hz to 1 kHz	Using MPC by Direct Method	30 mV to 30 V	0.61 % to 0.4 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage 45 Hz to 1 kHz	Using MPC by Direct Method	30 V to 300 V	0.4 % to 0.2 %
18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage 45 Hz to 1 kHz	Using MPC by Direct Method	300 V to 1000 V	0.2 % to 0.25 %
19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance & Tan Delta / Dissipation factor Measurement @ 50 Hz	Using Standard Capacitors with Dissipation Unit by Direct Method	100 PF @ 10 kV to 1000 PF @ 10 kV	0.8 % to 2 %
20	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Dissipation factor / Tan Delta Measurement @ 50 Hz @ up to 10 kV	Using Standard Capacitors with Dissipation Unit by Direct Method	0.0005 to 0.1500	0.0009 to 0.05
21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Power factor @ 230 V, 1 A	Using MPC by Direct Method	0.2 PF to 1 PF	0.30 PF

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22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance (2 Wire)	Using MPC by Direct Method	1 Mohm to 19 Mohm	0.06 % to 0.2 %
23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance (2 Wire)	Using MPC by Direct Method	1 ohm to 190 ohm	1.36 % to 0.04 %
24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance (2 Wire)	Using MPC by Direct Method	19 Mohm to 190 Mohm	0.2 % to 1.3 %
25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance (2 Wire)	Using MPC by Direct Method	190 kohm to 1 Mohm	0.06 %
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance (2 Wire)	Using MPC by Direct Method	190 ohm to 190 kohm	0.04 % to 0.05 %
27	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Voltage ratio / turns ratio measurement	Using two 6.5 digit DMM by Direct Method	1 to 200	0.3 % to 0.45 %

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28	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ DMM by Direct method	10 µA to 100 µA	1.3 %
29	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ DMM by Direct method	10 mA to 390 mA	0.14 % to 0.2 %
30	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ DMM by Direct method	100 µA to 10 mA	0.15 % to 0.14 %
31	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC current	Using DC shunt and DMM by Direct method	15 A to 200 A	0.6 % to 0.7 %
32	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ DMM by Direct method.	390 mA to 10 A	0.2 % to 0.2 %
33	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Current Measurement.	Using 1000 A / 75 mV Shunt and 6.5 digit DMM by V/I method	200 A to 1000 A	1.2 % to 0.9 %

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34	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Divider with DMM by Direct Method	1 kV to 40 kV	3.0 % to 3.3 %
35	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 wire & 4 wire)	Using 6 ½ DMM by Direct Method	10 ohm to 100 ohm	0.05 % to 0.01 %
36	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6 ½ DMM by Direct method	1 mV to 100 mV	0.70 % to 0.02 %
37	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6 ½ DMM by Direct method	10 V to 1000 V	0.059 %
38	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6 ½ DMM by Direct method	100 mV to 10 V	0.02 %
39	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using MPC by Direct Method	30 V to 300 V	0.05 % to 0.02 %

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40	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using MPC by Direct Method	300 V to 1000 V	0.02 %
41	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using MPC by Direct Method	1 mA to 10 mA	0.14 % to 0.06 %
42	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using MPC by Direct Method	10 µA to 100 µA	1.3 % to 0.2 %
43	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using MPC by Direct Method	100 µA to 1 mA	0.20 % to 0.14 %
44	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using MPC by Direct Method	300 mA to 20 A	0.07 % to 0.58 %
45	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using MPC with 50 turn current coil by Direct method.	50 A to 1000 A	0.64 % to 1.09 %

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46	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using MPC by Direct method	1 mV to 30 V	1.2 % to 0.05 %
47	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	0.0005 ohm	1.1 %
48	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	0.001 ohm	1 %
49	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	0.002 ohm	0.6 %
50	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	0.01 ohm	0.06 %
51	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	0.018 ohm	1 %

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52	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	0.1 ohm	1 %
53	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	0.18 ohm	1 %
54	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	1 ohm	0.1 %
55	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Wire)	Using Micro Milli ohm Calibrator by Direct Method	1.8 ohm	1 %
56	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Discrete Resistance (4 Witre)	Using Micro Milli ohm Calibrator by Direct Method	18.0 ohm	0.1 %
57	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance (2 Wire)	Using High Value Decade Mega ohm Box by Direct method.	9 Gohm to 90 Gohm	2.44 % to 3.78 %

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58	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance (2 Wire)	Using High Value Decade Mega ohm Box by Direct method.	90 Gohm to 1000 Gohm	3.78 % to 7.08 %
59	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance (2 Wire) @ 1000 V	Using High Value Decade Mega ohm By Direct method	0.9 Mohm to 9 Mohm	0.59 % to 1.16 %
60	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V (2 Wire)	Using High Value Decade Mega ohm Box By Direct method	0.1 Mohm to 0.9 Mohm	4.9 %
61	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V (2 Wire)	Using High Value Decade Mega ohm Box By Direct method	9 Mohm to 90 Mohm	2 % to 2.44 %
62	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V (2 Wire)	Using High Value Decade Mega ohm Box By Direct method	900 Mohm to 9 Gohm	1.55 % to 2.44 %
63	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V DC	Using High Value Decade Mega ohm Box by Direct method	90 Mohm to 900 Mohm	1.4 % to 1.55 %

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64	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using High Value Decade Mega ohm Box by Direct method	0.01 ohm to 0.09 ohm	2.49 % to 0.6 %
65	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using High Precision Decade Resistance Box by Direct Method	0.09 ohm to 0.9 ohm	0.60 % to 0.06 %
66	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using High Precision Decade Resistance Box by Direct Method	0.9 ohm to 9 ohm	0.10 %
67	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using High Precision Decade Resistance Box by Direct Method	9 kohm to 100 kohm	0.10 %
68	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using High Precision Decade Resistance Box by Direct Method.	9 ohm to 90 ohm	0.10 %
69	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using High Precision Decade Resistance Box by Direct Method	90 ohm to 900 ohm	0.10 %

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70	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using High Precision Decade Resistance Box by Direct Method	900 ohm to 9 kohm	0.10 %
71	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency @ 230 V	Using 6 ½ DMM by Direct method	10 Hz to 1 MHz	0.18 % to 0.10 %
72	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Calibrator by Comparison Method	0.1 s to 999 s	0.001 s to 1.2 s
73	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using MPC by Direct Method	120 Hz to 1000 Hz	0.06 %
74	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using MPC by Direct Method	45 Hz to 119.99 Hz	0.03 %

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