National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3525 **Page No** 1 of 50

Validity 15/02/2023 to 14/02/2025 **Last Amended on** 11/10/2023

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)(±)
Permanent Facility					
1	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 1 kHz	Using 6½ Digit Multimeter by Direct Method	2 A to 10 A	0.28 % to 0.25 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 1 kHz	Using 6½ Digit Multimeter by Direct Method	329 mA to 2 A	0.26 % to 0.28 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz	Using 6½ Digit Multimeter by Direct Method	1 A to 2 A	0.17 % to 0.28 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz	Using 6½ Digit Multimeter by Direct Method	100 mA to 1 A	0.39 % to 0.17 %

SCOPE OF ACCREDITATION

Laboratory Name : SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3525 **Page No** 2 of 50

Validity 15/02/2023 to 14/02/2025 **Last Amended on** 11/10/2023

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)(±)
5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz	Using 6½ Digit Multimeter by Direct Method	2 A to 10 A	0.28 % to 0.25 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 5 kHz	Using 6½ Digit Multimeter by Direct Method	100 µA to 1 A	0.17%
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Ac Voltage @ 1 kHz	Using 6½ Digit Multimeter by Direct Method	100 V to 1000 V	0.11 % to 0.1 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Ac Voltage @ 100 kHz	Using 6½ Digit Multimeter by Direct Method	10 mV to 10 V	0.79%
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Ac Voltage @ 100 kHz	Using 6½ Digit Multimeter by Direct Method	10 V to 100 V	0.79%

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	3 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Ac Voltage @ 45 Hz	Using 6½ Digit Multimeter by Direct Method	100 V to 1000 V	0.11 to 0.1
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz	Using 6½ Digit Multimeter by Direct Method	10 mV to 100 mV	0.54 % to 0.13 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz	Using 6½ Digit Multimeter by Direct Method	100 mV to 750 V	0.13 % to 0.12 %
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Ac Voltage @ 50 kHz	Using 6½ Digit Multimeter by Direct Method	10 mV to 10 V	0.72%
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Ac Voltage @ 50 kHz	Using 6½ Digit Multimeter by Direct Method	10 V to 100 V	0.72 % to 0.2 %

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	4 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
15	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 1 kHz	Using Standard Multifunction Calibrator by Direct Method	3.2 mA to 320 mA	0.13 % to 0.07 %
16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 1 kHz	Using Standard Multifunction Calibrator by Direct Method	320 mA to 10 A	0.07 % to 0.18 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 1 kHz	Using Standard Multifunction Calibrator by Direct Method	33 µA to 330 µA	0.58 % to 0.22 %
18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 1 kHz	Using Standard Multifunction Calibrator by Direct Method	330 µA to 3.2 mA	0.22 % to 0.13 %
19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45 Hz	Using Standard Multifunction Calibrator by Direct Method	190 µA to 3.2 mA	0.29 % to 0.13 %
20	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45 Hz	Using Standard Multifunction Calibrator by Direct Method	3 A to 10 A	0.16 % to 0.15 %

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	5 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45 Hz	Using Standard Multifunction Calibrator by Direct Method	3.2 mA to 320 mA	0.13 % to 0.12 %
22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45 Hz	Using Standard Multifunction Calibrator by Direct Method	320 mA to 3 A	0.12 % to 0.16 %
23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Standard Multifunction Calibrator with Current Coil by Direct Method	20 A to 300 A	0.43 % to 0.38 %
24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Standard Multifunction Calibrator with Current Coil by Direct Method	300 A to 1000 A	0.38 % to 0.41 %
25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Standard Multifunction Calibrator by Direct Method	3.2 mA to 320 mA	0.13 % to 0.07 %
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Standard Multifunction Calibrator by Direct Method	320 mA to 10 A	0.07 % to 0.2 %

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	6 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
27	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Standard Multifunction Calibrator by Direct Method	33 µA to 330 µA	0.58 % to 0.22 %
28	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Standard Multifunction Calibrator by Direct Method	330 µA to 3.2 mA	0.22 % to 0.13 %
29	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz	Using Standard Multifunction Calibrator by Direct Method	30 mV to 300 mV	0.2 % to 0.044 %
30	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz	Using Standard Multifunction Calibrator by Direct Method	30 V to 300 V	0.24 % to 0.06 %
31	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz	Using Standard Multifunction Calibrator by Direct Method	300 mV to 30 V	0.044 % to 0.24 %
32	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz	Using Standard Multifunction Calibrator by Direct Method	300 V to 1000 V	0.06 % to 0.061 %

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	7 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
33	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 45 Hz	Using Standard Multifunction Calibrator by Direct Method	3 mV to 300 mV	1.1 % to 0.4 %
34	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 45 Hz	Using Standard Multifunction Calibrator by Direct Method	30 V to 300 V	0.24 % to 0.06 %
35	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 45 Hz	Using Standard Multifunction Calibrator by Direct Method	300 mV to 30 V	0.4 % to 0.24 %
36	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 45 Hz	Using Standard Multifunction Calibrator by Direct Method	300 V to 1000 V	0.06 % to 0.061 %
37	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Standard Decade Inductance Box by Direct Method	1 H to 10 H	34.64 mH to 0.35 H
38	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Standard Decade Inductance Box by Direct Method	1 mH to 10 mH	0.035 mH to 0.35 mH

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	8 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
39	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Standard Decade Inductance Box by Direct Method	10 mH to 100 mH	0.35 mH to 3.47 mH
40	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Standard Decade Inductance Box by Direct Method	100 mH to 1000 mH	3.47 mH to 34.64 mH
41	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter by Direct Method	1 A to 10 A	0.081 % to 0.18 %
42	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter by Direct Method	100 µA to 100 mA	0.087 % to 0.064 %
43	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter by Direct Method	100 mA to 1 A	0.064 % to 0.081 %
44	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	1 mV to 10 mV	0.46 % to 0.05 %

SCOPE OF ACCREDITATION

Laboratory Name : SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3525 **Page No** 9 of 50

Validity 15/02/2023 to 14/02/2025 **Last Amended on** 11/10/2023

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)(±)
45	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	1 V to 10 V	0.004 % to 0.0034 %
46	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	10 mV to 100 mV	0.05 % to 0.01 %
47	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	10 V to 1000 V	0.0034 % to 0.006 %
48	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	100 mV to 1 V	0.01 % to 0.004 %
49	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 4 Wire	Using 6½ Digit Multimeter by Direct Method	1 kohm to 100 kohm	0.02 % to 0.013 %
50	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 4 Wire	Using 6½ Digit Multimeter by Direct Method	1 Mohm to 10 Mohm	0.02 % to 0.05 %

SCOPE OF ACCREDITATION

Laboratory Name : SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3525 **Page No** 10 of 50

Validity 15/02/2023 to 14/02/2025 **Last Amended on** 11/10/2023

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)(±)
51	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 4 Wire	Using 6½ Digit Multimeter by Direct Method	10 Mohm to 100 Mohm	0.05 % to 0.94 %
52	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 4 Wire	Using 6½ Digit Multimeter by Direct Method	10 ohm to 1 kohm	0.05 % to 0.02 %
53	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 4 Wire	Using 6½ Digit Multimeter by Direct Method	100 kohm to 1 Mohm	0.013 % to 0.02
54	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 4 Wire	Using 6½ Digit Multimeter by Direct Method	100 Mohm to 1 Gohm	0.94 % to 2.32 %
55	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Capacitance @ 1 kHz	Using Multi Product Calibrator by Direct Method	1 nF to 300 nF	0.02 nF to 0.3 nF
56	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Capacitance @ 1 kHz	Using Multi Product Calibrator by Direct Method	350 pF to 600 pF	0.02nF

SCOPE OF ACCREDITATION

Laboratory Name : SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3525 **Page No** 11 of 50

Validity 15/02/2023 to 14/02/2025 **Last Amended on** 11/10/2023

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)(±)
57	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Standard Multifunction Calibrator by Direct Method	1 A to 10 A	0.053 % to 0.1 %
58	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Standard Multifunction Calibrator by Direct Method	190 µA to 32 mA	0.3 % to 0.01 %
59	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Standard Multifunction Calibrator with Current Coil by Direct Method	20 A to 300 A	0.33 % to 0.4 %
60	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Standard Multifunction Calibrator with Current Coil by Direct Method	300 A to 1000 A	0.4%
61	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Standard Multifunction Calibrator by Direct Method	32 mA to 1 A	0.01 % to 0.053 %
62	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Standard Multifunction Calibrator by Direct Method	1 mV to 1 V	0.35 % to 0.14 %

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	12 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
63	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Standard Multifunction Calibrator by Direct Method	1 V to 1000 V	0.14 % to 0.23 %
64	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using Multifunction Calibrator by Direct Method	0 °C to 700 °C	0.17°C
65	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple B Type	Using Multifunction Calibrator by Direct Method	600 °C to 1800 °C	0.77°C
66	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple E Type	Using Multifunction Calibrator by Direct Method	0 °C to 900 °C	0.21 °C
67	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple J Type	Using Multifunction Calibrator by Direct Method	0 °C to 700 °C	0.19 °C
68	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple K Type	Using Multifunction Calibrator by Direct Method	(-) 100 °C to 900 °C	0.24°C

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	13 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
69	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple N Type	Using Multifunction Calibrator by Direct Method	0 °C to 1200 °C	0.26°C
70	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple R Type	Using Multifunction Calibrator by Direct Method	100 °C to 1700 °C	0.47°C
71	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple S Type	Using Multifunction Calibrator by Direct Method	0 °C to 1700 °C	0.92°C
72	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple T Type	Using Multifunction Calibrator by Direct Method	(-) 100 °C to 400 °C	0.18°C
73	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD	Using Multifunction Calibrator by Direct Method	(-) 100 °C to 700 °C	0.26°C
74	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple B Type	Using Multifunction Calibrator by Direct Method	600 °C to 800 °C	0.96°C

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	14 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
75	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple E type	Using Multifunction Calibrator, by Direct Method	-50 °C to 900 °C	0.3 °C
76	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple J Type	Using Multifunction Calibrator by Direct Method	0 °C to 700 °C	0.25 °C
77	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple K Type	Using Multifunction Calibrator by Direct Method	(-) 100 °C to 900 °C	0.24°C
78	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple N Type	Using Multifunction Calibrator by Direct Method	0 °C to 1200 °C	0.27°C
79	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple R Type	Using Multifunction Calibrator by Direct Method	100 °C to 1700 °C	0.82°C
80	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple S Type	Using Multifunction Calibrator by Direct Method	0 °C to 1700 °C	1.1°C

SCOPE OF ACCREDITATION

Laboratory Name : SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3525 **Page No** 15 of 50

Validity 15/02/2023 to 14/02/2025 **Last Amended on** 11/10/2023

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)(±)
81	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple T Type	Using Multifunction Calibrator by Direct Method	(-) 100 °C to 400 °C	0.21°C
82	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Timer by Comparison Method	5 s to 9999 s	5.5 % to 0.1 %
83	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometers, RPM Sensors with Indicators - Contact Type	Using Digital Tachometer with RPM Generator by Comparison Method	10 rpm to 3000 rpm	2.5%
84	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometers, RPM Sensors with Indicators - Non-Contact Type	Using Digital Tachometer with RPM Generator by Comparison Method	100 rpm to 1000 rpm	1.03%
85	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometers, RPM Sensors with Indicators - Non-Contact Type	Using Digital Tachometer with RPM Generator by Comparison Method	1000 rpm to 10000 rpm	0.49%
86	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometers, RPM Sensors with Indicators - Non-Contact Type	Using Digital Tachometer with RPM Generator by Comparison Method	10000 rpm to 90000 rpm	0.11%
87	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometers, RPM Sensors with Indicators - Non-Contact Type	Using Digital Tachometer with RPM Generator by Comparison Method	12 rpm to 100 rpm	2.1%

SCOPE OF ACCREDITATION

Laboratory Name : SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3525 **Page No** 16 of 50

Validity 15/02/2023 to 14/02/2025 **Last Amended on** 11/10/2023

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)(±)
88	MECHANICAL-ACOUSTICS	Sound Level Meter @ 1kHz	Using Sound Level Calibrator by Comparison Method	94 & 114 dB	1.20dB
89	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel Protractor (L.C.: 1 minute)	Using Angle Gauge Blocks by Comparison Method	0 to 90 °	0.7 minute of arc
90	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bore Gauge - Transmission Error only (L.C.: 1 µm)	Using Dial Calibration Tester by Comparison Method	upto to 2 mm	3.6µm
91	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper - Analog / Dial / Digital (L.C.: 0.01 mm)	Using Caliper Checker by Comparison Method	0 to 600 mm	10.4µm
92	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Comparator Stand - Flatness Only	Using Electronic Comparator by Comparison Method	Upto 100 x 100 mm	4.8µm

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	17 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
93	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer - Analog / Digital (L.C.: 0.01 mm)	Using Slip Gauge, Long Slip Gauges by Comparison Method	0 to 150 mm	6.7µm
94	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauge - Lever Type (L.C.: 1 µm)	Using Dial Calibration Tester by Comparison Method	0 to 1 mm	2.2µm
95	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauge - Plunger Type - Analog / Digital (L.C.: 0.1 µm)	Using Dial Calibration Tester & Slip Gauge Blocks by Comparison Method	0 to 25 mm	1.8µm
96	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Electronic Probe with Indicator (L.C.: 0.1 µm)	Using Slip Gauge by Comparison Method	0 to 25 mm	4.8µm
97	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer - Analog / Digital (L.C.: 1 µm)	Using Slip Gauge, Long Slip Gauge by Comparison Method	0 to 500 mm	5.8µm

SCOPE OF ACCREDITATION

Laboratory Name : SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3525 **Page No** 18 of 50

Validity 15/02/2023 to 14/02/2025 **Last Amended on** 11/10/2023

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)(±)
98	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	Using Digital External Micrometer by Comparison Method	0.05 mm to 2 mm	2.1 µm
99	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Micrometer - Analog / Digital (L.C.: 1 µm)	Using Slip Gauge / Long Slip Gauge by Comparison Method	5 mm to 50 mm	7.9µm
100	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Standards	Using Slip Gauge & Electronic Comparator by Comparison Method	25 mm to 275 mm	4.9µm
101	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge	Using Electronic Comparator and Slip Gauge Set by Comparison Method	1 mm to 100 mm	3µm
102	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge	Using Slip Gauge Blocks & Long Slip Gauge Blocks by Comparison Method	3 mm to 100 mm	2.8µm

SCOPE OF ACCREDITATION

Laboratory Name : SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3525 **Page No** 19 of 50

Validity 15/02/2023 to 14/02/2025 **Last Amended on** 11/10/2023

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)(±)
103	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Standard Foils	Using Electronic Probe with DRO by Comparison Method	5 µm to 1000 µm	1.4µm
104	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Steel / Measuring Tape	Using Tape Scale Calibrator by Comparison Method	0 to 10 metre	948*sqrt (L) µm, where L is in metre
105	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Steel Scale	Using Tape Scale Calibrator by Comparison Method	0 to 1000 mm	21µm
106	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Stick Micrometer (L.C.: 0.01 mm)	Using Slip Gauge Blocks and Lever Type Dial Gauge by Comparison Method	5 mm to 500 mm	10.8µm
107	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Plug Gauge - Effective Diameter	Using FCDM, Thread Measuring Wires, Gauge Blocks by Comparison Method	2 mm to 100 mm	3.2µm

SCOPE OF ACCREDITATION

Laboratory Name : SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3525 **Page No** 20 of 50

Validity 15/02/2023 to 14/02/2025 **Last Amended on** 11/10/2023

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)(±)
108	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Ultrasonic Thickness Gauge (L.C.: 0.01 mm)	Using Slip Gauge Blocks by Comparison Method	0 to 100 mm	67µm
109	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Gauges - Analog / Digital Pressure Gauge, Pressure Indicator, Pressure switches, Pressure Calibrators, Pressure Transmitters	Using Digital Pressure Gauge with Hand Pump and Multifunction Calibrator by Comparison Method as per DKD-R 6-1	0 bar to 1000 bar	0.3%
110	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Gauges - Analog / Digital Pressure Gauge, Pressure Indicator, Pressure switches, Pressure Calibrators, Pressure Transmitters	Digital Pressure Calibrator with Hand Pump and Multifunction Calibrator by Comparison Method as per DKD-R 6-1	0 to 700 bar	0.16%
111	MECHANICAL-PRESSURE INDICATING DEVICES	Magnehelic Gauges, Low Pressure Indicator / Gauges, Low Pressure Transmitter	Using Digital Low Pressure Calibrator, Multifunction Calibrator and Pneumatic Pump by Comparison Method as per DKD-R 6-1	(-) 200 mbar to 200 mbar	0.98%

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	21 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
112	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Gauge - Analog / Digital Pressure Gauge, Pressure Indicator, Pressure Switches, Pressure Calibrators, Pressure Transmitters	Using Digital Pressure Calibrator with Hand Pump and Multifunction Calibrator by Comparison Method as per DKD-R 6-1	0 to 40 bar	0.2%
113	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Vacuum Gauge - Analog / Digital Vacuum Gauge, Vacuum Indicator, Vacuum Calibrators, Vacuum Transmitters	Using Digital Pressure Calibrator with Hand Pump and Multifunction Calibrator by Comparison Method as per DKD-R 6-1	(-) 0.85 bar to 0 bar	7.1%
114	MECHANICAL-VOLUME	Micropipette	Using Precision Weighing Balance (Readability: 0.1 mg) by Gravimetric Method as per ISO 8655-6:2022	> 10 µl to 100 µl	0.36µl
115	MECHANICAL-VOLUME	Micropipettes	Using Precision Weighing Balance (Readability: 0.1 mg) by Gravimetric Method as per ISO 8655-6:2022	100 µl to 1000 µl	1.6µl

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	22 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
116	MECHANICAL-VOLUME	Pipette / Burette	Using Precision Weighing Balance (Readability: 0.1 mg) by Gravimetric Method as per ISO 4787:2021	10 µl to 100 µl	0.36µl
117	MECHANICAL-VOLUME	Pipette / Burette	Using Precision Weighing Balance (Readability: 0.1 mg) by Gravimetric Method as per ISO 4787:2021	100 µl to 1000 µl	1.6µl
118	MECHANICAL-VOLUME	Pipette / Burette / Beaker / Volumetric Flask	Using Precision Weighing Balance (Readability: 0.1 mg) by Gravimetric Method as per ISO 4787:2021	10 ml to 100 ml	0.33ml
119	MECHANICAL-VOLUME	Pipette / Burette / Beaker / Volumetric Flask	Using Precision Weighing Balance (Readability: 0.1 mg) by Gravimetric Method as per ISO 4787:2021	1 ml to 10 ml	0.3ml
120	MECHANICAL-VOLUME	Pipette / Burette / Beaker / Volumetric Flask	Using Precision Weighing Balance (Readability: 0.1 mg) by Gravimetric Method as per ISO 4787:2021	100 ml to 500 ml	0.5ml

SCOPE OF ACCREDITATION

Laboratory Name : SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3525 **Page No** 23 of 50

Validity 15/02/2023 to 14/02/2025 **Last Amended on** 11/10/2023

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)(±)
121	MECHANICAL-WEIGHTS	Mass - Class F1 Accuracy & Coarser	Using standard E1 Class Weight Box with Weighing Balance of Readability: 0.01 mg by ABBA Method as per OMIL R 111-1	10 g	0.058mg
122	MECHANICAL-WEIGHTS	Mass - Class F1 Accuracy & Coarser	Using standard E1 Class Weight Box with Weighing Balance of Readability: 0.01 mg by ABBA Method as per OMIL R 111-1	100 g	0.081mg
123	MECHANICAL-WEIGHTS	Mass - Class F1 Accuracy & Coarser	Using standard E1 Class Weight Box with Weighing Balance of Readability: 0.01 mg by ABBA Method as per OMIL R 111-1	20 g	0.059mg
124	MECHANICAL-WEIGHTS	Mass - Class F1 Accuracy & Coarser	Using standard E1 Class Weight Box with Weighing Balance of Readability: 0.01 mg by ABBA Method as per OMIL R 111-1	200 g	0.14mg

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	24 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
125	MECHANICAL-WEIGHTS	Mass - Class F1 Accuracy & Coarser	Using standard E1 Class Weight Box with Weighing Balance of Readability: 0.01 mg by ABBA Method as per OMIL R 111-1	50 g	0.067mg
126	MECHANICAL-WEIGHTS	Mass - Class F1 Accuracy & Coarser	Using standard E2 Class Weight Box with Weighing Balance of Readability: 1 mg by ABBA Method as per OMIL R 111-1	500 g	1.9mg
127	MECHANICAL-WEIGHTS	Mass - Class F2 Accuracy & Coarser	Using standard E1 Class Weight Box with Weighing Balance of Readability: 0.01 mg by ABBA Method as per OMIL R 111-1	1 g	0.058mg
128	MECHANICAL-WEIGHTS	Mass - Class F2 Accuracy & Coarser	Using standard E1 Class Weight Box with Weighing Balance of Readability: 0.01 mg by ABBA Method as per OMIL R 111-1	2 g	0.058mg

SCOPE OF ACCREDITATION

Laboratory Name : SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3525 **Page No** 25 of 50

Validity 15/02/2023 to 14/02/2025 **Last Amended on** 11/10/2023

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)(±)
129	MECHANICAL-WEIGHTS	Mass - Class F2 Accuracy & Coarser	Using standard E2 Class Weight Box with Weighing Balance of Readability: 10 mg by ABBA Method as per OMIL R 111-1	2 kg	10mg
130	MECHANICAL-WEIGHTS	Mass - Class F2 Accuracy & Coarser	Using standard E1 Class Weight Box with Weighing Balance of Readability: 0.01 mg by ABBA Method as per OMIL R 111-1	200 mg	0.058mg
131	MECHANICAL-WEIGHTS	Mass - Class F2 Accuracy & Coarser	Using standard E1 Class Weight Box with Weighing Balance of Readability: 0.01 mg by ABBA Method as per OMIL R 111-1	5 g	0.058mg
132	MECHANICAL-WEIGHTS	Mass - Class F2 Accuracy & Coarser	Using standard E1 Class Weight Box with Weighing Balance of Readability: 0.01 mg by ABBA Method as per OMIL R 111-1	500 mg	0.058mg

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	26 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
133	MECHANICAL-WEIGHTS	Mass - Class M1 Accuracy	Using standard E1 Class Weight Box with Weighing Balance of Readability: 0.01 mg by ABBA Method as per OMIL R 111-1	1 mg	0.058mg
134	MECHANICAL-WEIGHTS	Mass - Class M1 Accuracy	Using standard E1 Class Weight Box with Weighing Balance of Readability: 0.01 mg by ABBA Method as per OMIL R 111-1	10 mg	0.058mg
135	MECHANICAL-WEIGHTS	Mass - Class M1 Accuracy	Using standard E1 Class Weight Box with Weighing Balance of Readability: 0.01 mg by ABBA Method as per OMIL R 111-1	2 mg	0.058mg
136	MECHANICAL-WEIGHTS	Mass - Class M1 Accuracy	Using standard E1 Class Weight Box with Weighing Balance of Readability: 0.01 mg by ABBA Method as per OMIL R 111-1	20 mg	0.058mg

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	27 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
137	MECHANICAL-WEIGHTS	Mass - Class M1 Accuracy	Using standard E1 Class Weight Box with Weighing Balance of Readability: 0.01 mg by ABBA Method as per OMIL R 111-1	5 mg	0.058mg
138	MECHANICAL-WEIGHTS	Mass - Class M1 Accuracy	Using standard E1 Class Weight Box with Weighing Balance of Readability: 0.01 mg by ABBA Method as per OMIL R 111-1	50 mg	0.058mg
139	MECHANICAL-WEIGHTS	Mass - Class M1 Accuracy & Coarser	Using standard E2 Class Weight Box with Weighing Balance of Readability: 10 mg by ABBA Method as per OMIL R 111-1	1 kg	10mg
140	MECHANICAL-WEIGHTS	Mass - Class M1 Accuracy & Coarser	Using standard F1 Class Weight Box with Weighing Balance of Readability: 100 mg by ABBA Method as per OMIL R 111-1	10 kg	0.15g

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	28 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
141	MECHANICAL-WEIGHTS	Mass - Class M1 Accuracy & Coarser	Using standard E1 Class Weight Box with Weighing Balance of Readability: 0.01 mg by ABBA Method as per OMIL R 111-1	100 mg	0.058mg
142	MECHANICAL-WEIGHTS	Mass - Class M2 Accuracy & Coarser	Using standard F1 Class Weight Box with Weighing Balance of Readability: 100 mg by ABBA Method as per OMIL R 111-1	5 kg	0.1g
143	THERMAL-TEMPERATURE	Humidity Sensor with Indicator, Hygrometer, Humidity Probe with Indicator @50% RH	Using Digital Humidity and Temperature Data logger with Humidity Chamber by Comparison Method	10 °C to 50 °C	0.87°C
144	THERMAL-TEMPERATURE	Humidity Sensor with Indicator, Hygrometers, Humidity Probe with Indicator @ 25°C	Using Digital Humidity and Temperature Data logger with Humidity Chamber by Comparison Method	20 %RH to 90 %RH	2.76%RH

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	29 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
145	THERMAL-TEMPERATURE	Indicator with Sensor of Negative Temperature Bath, Freezer Bath, Water Bath, Fridge - Single Position	Using RTD with Multifunction Calibrator by Comparison Method	(-) 80 °C to 100 °C	0.47°C
146	THERMAL-TEMPERATURE	Indicator with Sensor of Temperature Bath, Oven, Oil Bath, Water Bath - Single Position	Using SPRT with Multifunction Calibrator by Comparison Method	50 °C to 600 °C	0.5°C
147	THERMAL-TEMPERATURE	Liquid in Glass Thermometer	Using RTD with Multifunction Calibrator and Liquid Bath by Comparison Method	(-) 80 °C to 250 °C	0.68°C

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	30 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
148	THERMAL-TEMPERATURE	RTD with / without Indicator, Thermocouple with/without Indicator, Temperature Indicator / Recorder with Probe / Temperature Calibrator with Sensor / Temperature Transmitter with / without Indicator / Temperature Gauge	Using SPRT with Multifunction Calibrator and Liquid Bath by Comparison Method	(-) 80 °C to 50 °C	0.21°C
149	THERMAL-TEMPERATURE	RTD with / without Indicator, Thermocouple with/without Indicator, Temperature Indicator / Recorder with Probe / Temperature Calibrator with Sensor / Temperature Transmitter with / without Indicator / Temperature Gauge	Using SPRT with Multifunction Calibrator and Dry Bath by Comparison Method	50 °C to 650 °C	0.51°C

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	31 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
150	THERMAL-TEMPERATURE	Temperature Bath, Oven, Oil Bath, Water Bath - Multi Position Calibration with Minimum 9 Sensors	Using RTD Sensors with Data Logger by Comparison Method	37 °C to 250 °C	5.2°C

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	32 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
Site Facility					
1	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 1 kHz	Using 6½ Digit Multimeter by Direct Method	2 A to 10 A	0.28 % to 0.25 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 1 kHz	Using 6½ Digit Multimeter by Direct Method	329 mA to 2 A	0.26 % to 0.28 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz	Using 6½ Digit Multimeter by Direct Method	1 A to 2 A	0.17 % to 0.28 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz	Using 6½ Digit Multimeter by Direct Method	100 mA to 1 A	0.39 % to 0.17 %

SCOPE OF ACCREDITATION

Laboratory Name : SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3525 **Page No** 33 of 50

Validity 15/02/2023 to 14/02/2025 **Last Amended on** 11/10/2023

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)(±)
5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 45 Hz	Using 6½ Digit Multimeter by Direct Method	2 A to 10 A	0.28 % to 0.25 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 5 kHz	Using 6½ Digit Multimeter by Direct Method	100 µA to 1 A	0.17%
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Ac Voltage @ 1 kHz	Using 6½ Digit Multimeter by Direct Method	100 V to 1000 V	0.11 % to 0.1 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Ac Voltage @ 100 kHz	Using 6½ Digit Multimeter by Direct Method	10 mV to 10 V	0.79%
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Ac Voltage @ 100 kHz	Using 6½ Digit Multimeter by Direct Method	10 V to 100 V	0.79%

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	34 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Ac Voltage @ 45 Hz	Using 6½ Digit Multimeter by Direct Method	100 V to 1000 V	0.11 to 0.1
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz	Using 6½ Digit Multimeter by Direct Method	10 mV to 100 mV	0.54 % to 0.13 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz	Using 6½ Digit Multimeter by Direct Method	100 mV to 750 V	0.13 % to 0.12 %
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Ac Voltage @ 50 kHz	Using 6½ Digit Multimeter by Direct Method	10 mV to 10 V	0.72%
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Ac Voltage @ 50 kHz	Using 6½ Digit Multimeter by Direct Method	10 V to 100 V	0.72 % to 0.2 %

SCOPE OF ACCREDITATION

Laboratory Name : SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3525 **Page No** 35 of 50

Validity 15/02/2023 to 14/02/2025 **Last Amended on** 11/10/2023

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)(±)
15	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 1 kHz	Using Standard Multifunction Calibrator by Direct Method	3.2 mA to 320 mA	0.13 % to 0.07 %
16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 1 kHz	Using Standard Multifunction Calibrator by Direct Method	320 mA to 10 A	0.07 % to 0.18 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 1 kHz	Using Standard Multifunction Calibrator by Direct Method	33 µA to 330 µA	0.58 % to 0.22 %
18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 1 kHz	Using Standard Multifunction Calibrator by Direct Method	330 µA to 3.2 mA	0.22 % to 0.13 %
19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45 Hz	Using Standard Multifunction Calibrator by Direct Method	190 µA to 3.2 mA	0.29 % to 0.13 %
20	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45 Hz	Using Standard Multifunction Calibrator by Direct Method	3 A to 10 A	0.16 % to 0.15 %

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	36 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45 Hz	Using Standard Multifunction Calibrator by Direct Method	3.2 mA to 320 mA	0.13 % to 0.12 %
22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 45 Hz	Using Standard Multifunction Calibrator by Direct Method	320 mA to 3 A	0.12 % to 0.16 %
23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Standard Multifunction Calibrator with Current Coil by Direct Method	20 A to 300 A	0.43 % to 0.38 %
24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Standard Multifunction Calibrator with Current Coil by Direct Method	300 A to 1000 A	0.38 % to 0.41 %
25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Standard Multifunction Calibrator by Direct Method	3.2 mA to 320 mA	0.13 % to 0.07 %
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Standard Multifunction Calibrator by Direct Method	320 mA to 10 A	0.07 % to 0.2 %

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	37 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
27	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Standard Multifunction Calibrator by Direct Method	33 µA to 330 µA	0.58 % to 0.22 %
28	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Standard Multifunction Calibrator by Direct Method	330 µA to 3.2 mA	0.22 % to 0.13 %
29	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz	Using Standard Multifunction Calibrator by Direct Method	30 mV to 300 mV	0.2 % to 0.044 %
30	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz	Using Standard Multifunction Calibrator by Direct Method	30 V to 300 V	0.24 % to 0.06 %
31	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz	Using Standard Multifunction Calibrator by Direct Method	300 mV to 30 V	0.044 % to 0.24 %
32	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 1 kHz	Using Standard Multifunction Calibrator by Direct Method	300 V to 1000 V	0.06 % to 0.061 %

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	38 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
33	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 45 Hz	Using Standard Multifunction Calibrator by Direct Method	3 mV to 300 mV	1.1 % to 0.4 %
34	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 45 Hz	Using Standard Multifunction Calibrator by Direct Method	30 V to 300 V	0.24 % to 0.06 %
35	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 45 Hz	Using Standard Multifunction Calibrator by Direct Method	300 mV to 30 V	0.4 % to 0.24 %
36	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 45 Hz	Using Standard Multifunction Calibrator by Direct Method	300 V to 1000 V	0.06 % to 0.061 %
37	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Standard Decade Inductance Box by Direct Method	1 H to 10 H	34.64 mH to 0.35 H
38	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Standard Decade Inductance Box by Direct Method	1 mH to 10 mH	0.035 mH to 0.35 mH

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	39 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
39	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Standard Decade Inductance Box by Direct Method	10 mH to 100 mH	0.35 mH to 3.47 mH
40	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Standard Decade Inductance Box by Direct Method	100 mH to 1000 mH	3.47 mH to 34.64 mH
41	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter by Direct Method	1 A to 10 A	0.081 % to 0.18 %
42	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter by Direct Method	100 µA to 100 mA	0.087 % to 0.064 %
43	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter by Direct Method	100 mA to 1 A	0.064 % to 0.081 %
44	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	1 mV to 10 mV	0.46 % to 0.05 %

SCOPE OF ACCREDITATION

Laboratory Name : SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3525 **Page No** 40 of 50

Validity 15/02/2023 to 14/02/2025 **Last Amended on** 11/10/2023

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)(±)
45	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	1 V to 10 V	0.004 % to 0.0034 %
46	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	10 mV to 100 mV	0.05 % to 0.01 %
47	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	10 V to 1000 V	0.0034 % to 0.006 %
48	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	100 mV to 1 V	0.01 % to 0.004 %
49	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 4 Wire	Using 6½ Digit Multimeter by Direct Method	1 kohm to 100 kohm	0.02 % to 0.013 %
50	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 4 Wire	Using 6½ Digit Multimeter by Direct Method	1 Mohm to 10 Mohm	0.02 % to 0.05 %

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	41 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
51	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 4 Wire	Using 6½ Digit Multimeter by Direct Method	10 Mohm to 100 Mohm	0.05 % to 0.94 %
52	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 4 Wire	Using 6½ Digit Multimeter by Direct Method	10 ohm to 1 kohm	0.05 % to 0.02 %
53	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 4 Wire	Using 6½ Digit Multimeter by Direct Method	100 kohm to 1 Mohm	0.013 % to 0.02
54	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 4 Wire	Using 6½ Digit Multimeter by Direct Method	100 Mohm to 1 Gohm	0.94 % to 2.32 %
55	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Capacitance @ 1 kHz	Using Multi Product Calibrator by Direct Method	1 nF to 300 nF	0.02 nF to 0.3 nF
56	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Capacitance @ 1 kHz	Using Multi Product Calibrator by Direct Method	350 pF to 600 pF	0.02nF

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	42 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
57	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Standard Multifunction Calibrator by Direct Method	1 A to 10 A	0.053 % to 0.1 %
58	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Standard Multifunction Calibrator by Direct Method	190 µA to 32 mA	0.3 % to 0.01 %
59	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Standard Multifunction Calibrator with Current Coil by Direct Method	20 A to 300 A	0.33 % to 0.4 %
60	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Standard Multifunction Calibrator with Current Coil by Direct Method	300 A to 1000 A	0.4%
61	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Standard Multifunction Calibrator by Direct Method	32 mA to 1 A	0.01 % to 0.053 %
62	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Standard Multifunction Calibrator by Direct Method	1 mV to 1 V	0.35 % to 0.14 %

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	43 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
63	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Standard Multifunction Calibrator by Direct Method	1 V to 1000 V	0.14 % to 0.23 %
64	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using Multifunction Calibrator by Direct Method	0 °C to 700 °C	0.17°C
65	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple B Type	Using Multifunction Calibrator by Direct Method	600 °C to 1800 °C	0.77°C
66	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple E Type	Using Multifunction Calibrator by Direct Method	0 °C to 900 °C	0.21 °C
67	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple J Type	Using Multifunction Calibrator by Direct Method	0 °C to 700 °C	0.19 °C
68	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple K Type	Using Multifunction Calibrator by Direct Method	(-) 100 °C to 900 °C	0.24°C

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	44 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
69	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple N Type	Using Multifunction Calibrator by Direct Method	0 °C to 1200 °C	0.26°C
70	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple R Type	Using Multifunction Calibrator by Direct Method	100 °C to 1700 °C	0.47°C
71	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple S Type	Using Multifunction Calibrator by Direct Method	0 °C to 1700 °C	0.92°C
72	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple T Type	Using Multifunction Calibrator by Direct Method	(-) 100 °C to 400 °C	0.18°C
73	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD	Using Multifunction Calibrator by Direct Method	(-) 100 °C to 700 °C	0.26°C
74	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple B Type	Using Multifunction Calibrator by Direct Method	600 °C to 800 °C	0.96°C

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	45 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
75	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple E type	Using Multifunction Calibrator, by Direct Method	-50 °C to 900 °C	0.3 °C
76	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple J Type	Using Multifunction Calibrator by Direct Method	0 °C to 700 °C	0.25 °C
77	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple K Type	Using Multifunction Calibrator by Direct Method	(-) 100 °C to 900 °C	0.24°C
78	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple N Type	Using Multifunction Calibrator by Direct Method	0 °C to 1200 °C	0.27°C
79	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple R Type	Using Multifunction Calibrator by Direct Method	100 °C to 1700 °C	0.82°C
80	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple S Type	Using Multifunction Calibrator by Direct Method	0 °C to 1700 °C	1.1°C

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	46 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
81	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple T Type	Using Multifunction Calibrator by Direct Method	(-) 100 °C to 400 °C	0.21°C
82	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Timer by Comparison Method	5 s to 9999 s	5.5 % to 0.1 %
83	MECHANICAL-ACCELERATION AND SPEED	Centrifuge, Motor, Tacho Generators, RPM Generator / Source	Using Digital Tachometer by Comparison Method	475 rpm to 5500 rpm	0.3%
84	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Gauges - Analog / Digital Pressure Gauge, Pressure Indicator, Pressure switches, Pressure Calibrators, Pressure Transmitters	Using Digital Pressure Gauge with Hand Pump and Multifunction Calibrator by Comparison Method as per DKD-R 6-1	0 bar to 1000 bar	0.3%
85	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Gauges - Analog / Digital Pressure Gauge, Pressure Indicator, Pressure switches, Pressure Calibrators, Pressure Transmitters	Digital Pressure Calibrator with Hand Pump and Multifunction Calibrator by Comparison Method as per DKD-R 6-1	0 to 700 bar	0.16%

SCOPE OF ACCREDITATION

Laboratory Name : SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3525 **Page No** 47 of 50

Validity 15/02/2023 to 14/02/2025 **Last Amended on** 11/10/2023

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)(±)
86	MECHANICAL-PRESSURE INDICATING DEVICES	Magnehelic Gauges, Low Pressure Indicator / Gauges, Low Pressure Transmitter	Using Digital Low Pressure Calibrator, Multifunction Calibrator and Pneumatic Pump by Comparison Method as per DKD-R 6-1	(-) 200 mbar to 200 mbar	0.98%
87	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Gauge - Analog / Digital Pressure Gauge, Pressure Indicator, Pressure Switches, Pressure Calibrators, Pressure Transmitters	Using Digital Pressure Calibrator with Hand Pump and Multifunction Calibrator by Comparison Method as per DKD-R 6-1	0 to 40 bar	0.2%
88	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Vacuum Gauge - Analog / Digital Vacuum Gauge, Vacuum Indicator, Vacuum Calibrators, Vacuum Transmitters	Using Digital Pressure Calibrator with Hand Pump and Multifunction Calibrator by Comparison Method as per DKD-R 6-1	(-) 0.85 bar to 0 bar	7.1%
89	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Balance - Class I and Coarser (Readability: 0.01 mg & Coarser)	Using E1 Accuracy Class Weights by Comparison Method as per OMIL R 76-1	0 to 220 g	0.37
90	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Balance - Class I and Coarser (Readability: 1 mg & Coarser)	Using E1 & E2 Accuracy Class Weights by Comparison Method as per OMIL R 76-1	0 to 620 g	1.3mg

SCOPE OF ACCREDITATION

Laboratory Name : SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3525 **Page No** 48 of 50

Validity 15/02/2023 to 14/02/2025 **Last Amended on** 11/10/2023

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)(±)
91	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Balance - Class I and Coarser (Readability: 10 mg & Coarser)	Using E1 & E2 Accuracy Class Weights by Comparison Method as per OMIL R 76-1	0 to 3200 g	10mg
92	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Balance - Class II and Coarser (Readability: 100 mg & Coarser)	Using E1, E2 & F1 Accuracy Class Weights by Comparison Method as per OMIL R 76-1	0 to 20 kg	0.72g
93	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Balance - Class III and Coarser (Readability: 0.02 kg & Coarser)	Using E2, F1 & F2 Accuracy Class Weights by Comparison Method as per OMIL R 76-1	0 to 100 kg	0.142kg
94	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Balance - Class IIII (Readability: 0.05 kg & Coarser)	Using F1 & F2 Accuracy Class Weights by Comparison Method as per OMIL R 76-1	0 to 300 kg	0.29kg
95	THERMAL-TEMPERATURE	Indicator with Sensor of Negative Temperature Bath, Freezer Bath, Water Bath, Fridge - Single Position	Using RTD with Multifunction Calibrator by Comparison Method	(-) 80 °C to 100 °C	0.47°C

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	49 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
96	THERMAL-TEMPERATURE	Indicator with Sensor of Temperature Bath, Oven, Oil Bath, Water Bath - Single Position	Using SPRT with Multifunction Calibrator by Comparison Method	50 °C to 600 °C	0.5°C
97	THERMAL-TEMPERATURE	Liquid in Glass Thermometer	Using RTD with Multifunction Calibrator and Liquid Bath by Comparison Method	(-) 80 °C to 250 °C	0.68°C
98	THERMAL-TEMPERATURE	RTD with / without Indicator, Thermocouple with/without Indicator, Temperature Indicator / Recorder with Probe / Temperature Calibrator with Sensor / Temperature Transmitter with / without Indicator / Temperature Gauge	Using SPRT with Multifunction Calibrator and Liquid Bath by Comparison Method	(-) 80 °C to 50 °C	0.21°C

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	SIMPLISOL TECHNOLOGIES PRIVATE LIMITED, M-39 PHASE IIIB, VERNA, SOUTH GOA, GOA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3525	**Page No**	50 of 50
Validity	15/02/2023 to 14/02/2025	**Last Amended on**	11/10/2023

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)(±)
99	THERMAL-TEMPERATURE	RTD with / without Indicator, Thermocouple with/without Indicator, Temperature Indicator / Recorder with Probe / Temperature Calibrator with Sensor / Temperature Transmitter with / without Indicator / Temperature Gauge	Using SPRT with Multifunction Calibrator and Dry Bath by Comparison Method	50 °C to 650 °C	0.51°C
100	THERMAL-TEMPERATURE	Temperature Bath, Oven, Oil Bath, Water Bath - Multi Position Calibration with Minimum 9 Sensors	Using RTD Sensors with Data Logger by Comparison Method	37 °C to 250 °C	5.2°C

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