National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	1 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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 Voltage @ 10 Hz to 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	10 mV to 100 mV	0.565 % to 0.122 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 10 Hz to 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	100 mV to 1 V	0.122 % to 0.125 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 10 Hz to 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	100 V to 1000 V	0.108 % to 0.096 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 10 Hz to 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	1 V to 10 V	0.2167 % to 0.13 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 2 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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 Voltage @ 10 Hz to 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	10 V to 100 V	0.13 % to 0.108 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	1nF to 10 nF	5.28 % to 1.73 %
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	1 µF to 10 µF	1.73 % to 1.83 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	10 µF to 100 µF	1.83 % to 1.73 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	10 nF to 100 nF	1.73 % to 1.73 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 3 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)	Capacitance @ 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	100 nF to 1 µF	1.73 % to 1.73 %
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	100 µF	1.73 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Current @ (10 Hz to 1 kHz)	Using 6.5 Digit DMM by Direct / Comparison Method	1 mA to 10 mA	0.28 % to 1.21 %
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Current @ (10 Hz to 1 kHz)	Using 6.5 Digit DMM by Direct / Comparison Method	10 µA to 100 µA	0.89 % to 1.22 %
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Current @ (10 Hz to 1 kHz)	Using 6.5 Digit DMM by Direct / Comparison Method	10 mA to 100 mA	1.21 % to 0.18 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 4 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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) (Measure)	Current @ (10 Hz to 1 kHz)	Using 6.5 Digit DMM by Direct / Comparison Method	100 µA to 1 mA	1.22 % to 0.54 %
16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Current @ (40 Hz to 1 kHz)	Using 6.5 Digit DMM by Direct / Comparison Method	1A to 3A	0.17 % to 0.27 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Current @ (40 Hz to 1 kHz)	Using 6.5 Digit DMM by Direct / Comparison Method	3 A to 10 A	0.27 % to 0.24 %
18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Current @ (40 Hz to 1 kHz)	Using 6.5 Digit DMM by Direct / Comparison Method	100 mA to 500 mA	0.26 %
19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Current @ (40 Hz to 1 kHz)	Using 6.5 Digit DMM by Direct / Comparison Method	500 mA to 1A	0.26 % to 0.170 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 5 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
20	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	High Voltage @50 Hz	High voltage Probe with Digital multimeter	1 kV RMS to 28 kV RMS	9.98 % to 8.62 %
21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Single & 3 Phase AC POWER @50 Hz (0.5 lag)	Using Three Phase calibration meter by Direct & Comparison Method	9 W to 4.5 kW	0.27 % to 0.27 %
22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Single & 3 Phase AC POWER @50 Hz (0.5 lead).	Using Three Phase calibration meter by Direct & Comparison Method	9 W to 4.5 kW	0.27 % to 0.27 %
23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Single & 3 Phase AC POWER @50 Hz (PF=1)	Using Three Phase calibration meter by Direct & Comparison Method	18 W to 9 kW	0.27 % to 0.27 %
24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Single & 3 Phase Energy	Using Three Phase calibration meter by Direct & Comparison Method	1 kWh to 20 kWh	0.30 % to 0.30 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 6 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (10 Hz to 10 kHz)	Using Multi-Product Calibrator by Direct Method	2.99 A to 10 A	0.21 % to 0.12 %
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (10 Hz to 10 kHz)	Using Multi-Product Calibrator by Direct Method	3.2 mA to 32 mA	0.24 % to 0.11 %
27	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (10 Hz to 10 kHz)	Using Multi-Product Calibrator by Direct Method	32 mA to 320 mA	0.11 % to 0.21 %
28	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (10 Hz to 10 kHz)	Using Multi-Product Calibrator by Direct Method	320 µA to 3.2 mA	0.21 % to 0.24 %
29	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (10 Hz to 10 kHz)	Using Multi-Product Calibrator by Direct Method	320 mA to 1 A	0.21 % to 0.25 %
30	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (10 Hz to 10 kHz)	Using Multi-Product Calibrator by Direct Method	1 A to 2.99 A	0.25 % to 0.21 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 7 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
31	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (10 Hz to 10 kHz)	Using Multi-Product Calibrator by Direct Method	10 A	3.48 %
32	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @50Hz	Using Multi function Calibrator with Current Coil by Direct Method	10 A to 550 A	0.035 % to 0.4 %
33	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ (10 Hz to 20 kHz)	Using Multi-Product Calibrator by Direct Method	32 mV to 320 mV	0.24 % to 0.06 %
34	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ (10 Hz to 20 kHz)	Using Multi-Product Calibrator by Direct Method	320 mV to 3.2 V	0.06 % to 0.06 %
35	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ (10 Hz to 20 kHz)	Using Multi-Product Calibrator by Direct Method	3.2 V to 32 V	0.06 % to 0.09 %
36	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ (45 Hz to 1 kHz)	Using Multi-Product Calibrator by Direct Method	32 V to 320 V	0.066 % to 0.059 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 8 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
37	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ (45 Hz to 1 kHz)	Using Multi-Product Calibrator by Direct Method	320 V to 990 V	0.059 % to 0.060 %
38	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Active POWER at 10 V to 600 V & 0.2 A to 10 A @50 Hz at 0.5 lag PF	Using Multi-Product Calibrator by Direct Method	1 W to 3 kW	1.14 % to 1.13 %
39	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Active POWER at 10 V to 600 V & 0.2 A to 10 A @50 Hz at 0.5 lead PF	Using Multi-Product Calibrator by Direct Method	1 W to 3 kW	1.14 % to 1.13 %
40	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Active POWER at 40 V to 1000 V & 0.01 A to 11 A @50 Hz at UPF	Using Multi-Product Calibrator by Direct Method	1 W to 6 kW	0.34 % to 0.12 %
41	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @100 Hz	Using Multi-Product Calibrator by Direct Method	1.0999 µF to 3.2999 µF	0.50 % to 0.39 %
42	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1 kHz	Using Multi-Product Calibrator by Direct Method	10.999 nF to 32.999 nF	0.61 % to 0.78 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	9 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
43	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1 kHz	Using Multi-Product Calibrator by Direct Method	110 nF to 329.99 nF	0.477 % to 0.39 %
44	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1 kHz	Using Multi-Product Calibrator by Direct Method	1.0999 nF to 3.2999 nF	2.06 % to 1.12 %
45	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @100 Hz	Using Multi-Product Calibrator by Direct Method	10.999 µF to 32.999 µF	0.39 % to 0.67 %
46	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @100 Hz	Using Multi-Product Calibrator by Direct Method	109.99 µF to 329.99 µF	0.77 % to 0.65 %
47	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @100 Hz	Using Multi-Product Calibrator by Direct Method	3.2999 µF to 10.999 µF	0.39 % to 0.39 %
48	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @100 Hz	Using Multi-Product Calibrator by Direct Method	32.999 µF to 109.99 µF	0.67 % to 0.77 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	10 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
49	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @100 Hz	Using Multi-Product Calibrator by Direct Method	329.99 nF to 1.0999 µF	0.39 % to 0.50 %
50	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1kHz	Using Multi-Product Calibrator by Direct Method	0.33 nF to 0.5 nF	5.44 % to 3.80 %
51	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1kHz	Using Multi-Product Calibrator by Direct Method	3.2999 nF to 10.999 nF	1.12 % to 0.61 %
52	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @50 Hz	Using Multi-Product Calibrator by Direct Method	329.99 µF to 1.0999 mF	0.65 % to 1.20 %
53	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1 kHz	Using Multi-Product Calibrator by Direct Method	0.5 nF to 1.0999 nF	3.80 % to 2.06 %
54	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1kHz	Using Multi-Product Calibrator by Direct Method	32.999 nF to 110 nF	0.78 % to 0.477 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 11 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
55	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Standard Inductance Box by Direct Method	10 µH to 10 H	0.76 % to 0.5 %
56	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Power Factor @ 50 Hz	Using Power Calibrator by Direct Method	0.2 lag to 1 UPF	0.003 PF
57	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Power Factor @ 50 Hz	Using Power Calibrator by Direct Method	1 UPF to 0.2 Lead	0.003 PF
58	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance	Using Standard Resistance Box by Direct Method	100 Mohms	1 %
59	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance	Using Standard Resistance Box by Direct Method	10Mohms	1 %
60	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance	Using Standard Resistance Box by Direct Method	1Gohms	1.8 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 12 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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61	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	1 A to 3 A	0.082 % to 0.142 %
62	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	10 mA to 100 mA	0.081 % to 0.063 %
63	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	3A to 10 A	0.142 % to 0.184 %
64	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	1 A to 3 A	0.082 % to 0.142 %
65	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	1 mA to 10 mA	0.064 % to 0.081 %
66	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	100 µA to 1 mA	0.089 % to 0.064 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 13 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
67	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	400 mA to 1 A	0.066 % to 0.082 %
68	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	10 µA to 100 µA	0.4 % to 0.9 %
69	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	100 mA to 500 mA	0.063 % to 0.066 %
70	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Power	Using Three Phase calibration meter by Direct & Comparison Method	1 W to 10 kW 10 V to 1000 V, 0.1A to 10 A	0.23 %
71	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6.5 Digit DMM by Direct / Comparison Method	1 V to 10 V	0.0039 % to 0.0035 %
72	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6.5 Digit DMM by Direct / Comparison Method	10 mV to 100 mV	0.051 % to 0.0091 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 14 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
73	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6.5 Digit DMM by Direct / Comparison Method	10 V to 100 V	0.0035 % to 0.0053 %
74	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6.5 Digit DMM by Direct / Comparison Method	100 mV to 1 V	0.0091 % to 0.0039 %
75	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6.5 Digit DMM by Direct / Comparison Method	100 V to 1000 V	0.0053 % to 0.0061 %
76	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	High Voltage	High voltage Probe with Digital multimeter	5 kV to 40 kV	4.620 % to 4.460 %
77	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	High Voltage	High voltage Probe with Digital multimeter	1 kV to 5 kV	4.827 % to 4.620 %
78	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	10 Mohm to 100 Mohm	0.049 % to 0.949 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 15 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
79	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	100 Mohm to 1 Gohm	0.949 % to 2.322 %
80	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	1 kohms to 10 kohms	0.012 % to 0.012 %
81	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	1 Mohm to 10 Mohm	0.013 % to 0.049 %
82	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	1 ohm to 10 ohm	0.36 % to 0.046 %
83	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	10 kohm to 100 kohm	0.012 % to 0.012 %
84	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	10 ohm to 100 ohm	0.046 % to 0.016 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 16 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
85	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	100 kohm to 1 Mohm	0.012 % to 0.013 %
86	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	100 ohm to 1 kohm	0.016 % to 0.012 %
87	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi function Calibrator with Current Coil by Direct Method	20 A to 550 A	0.035 % to 0.4 %
88	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator by Direct Method	1 A to 2.99 A	0.053 % to 0.046 %
89	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator by Direct Method	2.99 A to 10 A	0.046 % to 0.077 %
90	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator by Direct Method	3.2 mA to 32 mA	0.017 % to 0.014 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 17 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator by Direct Method	32 mA to 320 mA	0.014 % to 0.012 %
92	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator by Direct Method	320 µA to 3.2 mA	0.024 % to 0.017 %
93	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator by Direct Method	320 mA to 1 A	0.012 % to 0.053 %
94	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi-Product Calibrator by Direct Method	3.3 V to 33 V	0.006 % to 0.006 %
95	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi-Product Calibrator by Direct Method	33 V to 330 V	0.006 % to 0.006 %
96	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi-Product Calibrator by Direct Method	330 mV to 3.3 V	0.008 % to 0.006 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 18 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
97	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi-Product Calibrator by Direct Method	330 V to 1000 V	0.006 % to 0.006 %
98	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	1 kohm to 3.2 kohm	0.014 % to 0.02 %
99	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	1 Mohm to 3.2 Mohm	0.023 % to 0.021 %
100	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	1 ohm to 10.9 ohm	1.17 % to 0.12 %
101	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	10.9 kohm to 32.9 kohm	0.01 % to 0.022 %
102	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	10.9 Mohm to 32.9 Mohm	0.07 % to 0.13 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 19 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	109.9 Mohm to 329.9 Mohm	0.69 % to 0.62 %
104	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	109.9 ohm to 329.9 ohm	0.02 % to 0.01 %
105	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	3.2 kohm to 10.9 kohm	0.02 % to 0.01 %
106	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	3.2 Mohm to 10.9 Mohm	0.021 % to 0.07 %
107	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	32.9 Mohm to 109.9 Mohm	0.13 % to 0.69 %
108	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	32.9 ohm to 109.9 ohm	0.06 % to 0.02 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 20 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
109	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	329.9 Kohm to 1 Mohm	0.018 % to 0.023 %
110	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	329.9 Mohm to 1100 Mohm	0.62 % to 1.78 %
111	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	329.9 ohm to 1 kohm	0.01 % to 0.01 4%
112	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	109.9 kohm to 329.9 kohm	0.015 % to 0.018 %
113	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	32.9 kohm to 109.9 kohm	0.022 % to 0.015 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 21 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
114	ELECTRO-TECHNICAL-DIRECT CURRENT (Source,Measure)	Resistance	Using Multi-Product Calibrator by Direct Method	10.9 ohm to 32.9 ohm	0.12 % to 0.06 %
115	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope Calibration(Amplitude) AC 10Hz to 1kHz	Using Multi Product Calibrator by Direct Method	5 mV to 105 V	0.29 %
116	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope Calibration(Amplitude) DC	Using Multi Product Calibrator by Direct Method	-5 mV to -33 V	0.0029
117	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope Calibration(Amplitude) DC	Using Multi Product Calibrator by Direct Method	5 mV to 33 V	0.29 %
118	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope Calibration(Band Width)	Using Multi Product Calibrator by Direct Method	50 kHz to 300 MHz	0.021 % to 0.034 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	22 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
119	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope Calibration(Time Base)	Using Multi Product Calibrator by Direct Method	50 nS to 5S	0.028 % to 0.21 %
120	ELECTRO-TECHNICAL-RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	Frequency	Using Frequency Counter by Direct & Comparison Method	100 Hz to 10kHz	0.001 % to 0.001 %
121	ELECTRO-TECHNICAL-RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	Frequency	Using Counter Power Meter by Direct & Comparison Method	10kHz to 40 GHz	0.001 % to 0.023 ppm
122	ELECTRO-TECHNICAL-RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	Frequency	Using Frequency Counter & Digital Multimeter by Direct & Comparison Method	1 Hz to 100 Hz	0.016 % to 0.001 %
123	ELECTRO-TECHNICAL-RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	RF Power 10MHz to 10GHz	Using Counter Power Meter by Direct & Comparison Method	-40 dBm to -25 dBm	1.65 dBm to 1.31 dBm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	23 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
124	ELECTRO-TECHNICAL-RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	RF Power 10MHz to 10GHz	Using Counter Power Meter by Direct & Comparison Method	-25 dBm to 13 dBm	1.31 dBm to 1.00 dBm
125	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	B-Type	Using Multi Product Calibrator by Direct Method	1000 °C to 1550 °C	0.39 °C
126	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	B-Type	Using Multi Product Calibrator by Direct Method	1550 °C to 1800 °C	0.38 °C
127	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	B-Type	Using Multi Product Calibrator by Direct Method	600 °C to 800 °C	0.51 °C
128	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	B-Type	Using Multi Product Calibrator by Direct Method	800 °C to 1000 °C	0.51 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	24 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	E-Type	Using Multi Product Calibrator by Direct Method	-100 °C to -25 °C	0.19 °C
130	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	E-Type	Using Multi Product Calibrator by Direct Method	-25°C to 350°C	0.17 °C
131	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	E-Type	Using Multi Product Calibrator by Direct Method	-250 °C to -100 °C	0.58 °C
132	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	E-Type	Using Multi Product Calibrator by Direct Method	350 °C to 650 °C	0.17 °C
133	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	E-Type	Using Multi Product Calibrator by Direct Method	650 °C to 1000 °C	0.19 °C
134	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	J-Type	Using Multi Product Calibrator by Direct Method	-100 °C to -30 °C	0.19 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 25 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
135	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	J-Type	Using Multi Product Calibrator by Direct Method	150 °C to 760 °C	0.17 °C
136	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	J-Type	Using Multi Product Calibrator by Direct Method	-210 °C to -100 °C	0.31 °C
137	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	J-Type	Using Multi Product Calibrator by Direct Method	-30 °C to 150 °C	0.17 °C
138	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	J-Type	Using Multi Product Calibrator by Direct Method	760 °C to 1000 °C	0.20 °C
139	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	K-Type	Using Multi Product Calibrator by Direct Method	-100 °C to -25 °C	0.19 °C
140	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	K-Type	Using Multi Product Calibrator by Direct Method	-200 °C to -100 °C	0.21 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 26 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	K-Type	Using Multi Product Calibrator by Direct Method	-25 °C to 120 °C	0.19 °C
142	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	K-Type	Using Multi Product Calibrator by Direct Method	1000 °C to 1372 °C	0.30 °C
143	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	K-Type	Using Multi Product Calibrator by Direct Method	120 °C to 1000 °C	0.19 °C
144	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	N-Type	Using Multi Product Calibrator by Direct Method	-100 °C to -25 °C	0.26 °C
145	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	N-Type	Using Multi Product Calibrator by Direct Method	120 °C to 410 °C	0.21 °C
146	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	N-Type	Using Multi Product Calibrator by Direct Method	-25 °C to 120 °C	0.22 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 27 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
147	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	N-Type	Using Multi Product Calibrator by Direct Method	410 °C to 1300 °C	0.21 °C
148	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	N-Type	Using Multi Product Calibrator by Direct Method	-200 °C to -100 °C	0.46 °C
149	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	R-Type	Using Multi Product Calibrator by Direct Method	0 °C to 250 °C	0.66 °C
150	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	R-Type	Using Multi Product Calibrator by Direct Method	1000 °C to 1767 °C	0.38 °C
151	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	R-Type	Using Multi Product Calibrator by Direct Method	250 °C to 400 °C	0.40 °C
152	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	R-Type	Using Multi Product Calibrator by Direct Method	400 °C to 1000 °C	0.38 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 28 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
153	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using 6.5 Digit DMM by Direct / Comparison Method	0 °C to 100 °C	0.11 °C
154	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using 6.5 Digit DMM by Direct / Comparison Method	-100 °C to 0 °C	0.11 °C
155	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using 6.5 Digit DMM by Direct / Comparison Method	100 °C to 300 °C	0.12 °C
156	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using 6.5 Digit DMM by Direct / Comparison Method	-200 °C to -100 °C	0.12 °C
157	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using 6.5 Digit DMM by Direct / Comparison Method	300 °C to 600 °C	0.16 °C
158	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using 6.5 Digit DMM by Direct / Comparison Method	600 °C to 800 °C	0.26 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 29 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
159	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	S-Type	Using Multi Product Calibrator by Direct Method	0 °C to 250 °C	0.54 °C
160	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	S-Type	Using Multi Product Calibrator by Direct Method	1000 °C to 1400 °C	0.42 °C
161	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	S-Type	Using Multi Product Calibrator by Direct Method	1400 °C to 1767 °C	0.43 °C
162	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	S-Type	Using Multi Product Calibrator by Direct Method	250 °C to 1000 °C	0.42 °C
163	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	T-Type	Using Multi Product Calibrator by Direct Method	0°C to 120°C	0.19 °C
164	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	T-Type	Using Multi Product Calibrator by Direct Method	120°C to 400°C	0.17 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 30 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
165	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	T-Type	Using Multi Product Calibrator by Direct Method	-150 °C to 0 °C	0.28 °C
166	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	T-Type	Using Multi Product Calibrator by Direct Method	-250 °C to -150 °C	0.73 °C
167	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	B-Type	Using Multi Product Calibrator by Direct Method	1550 °C to 1820 °C	0.38 °C
168	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	B-Type	Using Multi Product Calibrator by Direct Method	600 °C to 800 °C	0.51 °C
169	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	B-Type	Using Multi Product Calibrator by Direct Method	800 °C to 1000 °C	0.51 °C
170	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	E-Type	Using Multi Product Calibrator by Direct Method	-100 °C to -25 °C	0.19 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 31 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
171	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	E-Type	Using Multi Product Calibrator by Direct Method	-25°C to 350°C	0.17 °C
172	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	E-Type	Using Multi Product Calibrator by Direct Method	-250 °C to -100 °C	0.58 °C
173	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	E-Type	Using Multi Product Calibrator by Direct Method	350 °C to 650 °C	0.17 °C
174	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	E-Type	Using Multi Product Calibrator by Direct Method	650 °C to 1000 °C	0.19 °C
175	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	J-Type	Using Multi Product Calibrator by Direct Method	-100 °C to -30 °C	0.19 °C
176	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	J-Type	Using Multi Product Calibrator by Direct Method	150 °C to 760 °C	0.17 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 32 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
177	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	J-Type	Using Multi Product Calibrator by Direct Method	-210 °C to -100 °C	0.31 °C
178	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	J-Type	Using Multi Product Calibrator by Direct Method	-30 °C to 150 °C	0.17 °C
179	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	J-Type	Using Multi Product Calibrator by Direct Method	760 °C to 1200 °C	0.20 °C
180	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	K-Type	Using Multi Product Calibrator by Direct Method	-100 °C to -25 °C	0.21 °C
181	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	K-Type	Using Multi Product Calibrator by Direct Method	1000 °C to 1372 °C	0.30 °C
182	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	K-Type	Using Multi Product Calibrator by Direct Method	120 °C to 1000 °C	0.19 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	33 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
183	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	K-Type	Using Multi Product Calibrator by Direct Method	-200 °C to -100 °C	0.38 °C
184	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	K-Type	Using Multi Product Calibrator by Direct Method	-25 °C to 120 °C	0.19 °C
185	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	N-Type	Using Multi Product Calibrator by Direct Method	120 °C to 410 °C	0.21 °C
186	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	N-Type	Using Multi Product Calibrator by Direct Method	410 °C to 1300 °C	0.21 °C
187	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	N-Type	Using Multi Product Calibrator by Direct Method	-100 °C to -25 °C	0.26 °C
188	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	N-Type	Using Multi Product Calibrator by Direct Method	-200 °C to -100 °C	0.46 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	34 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
189	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	N-Type	Using Multi Product Calibrator by Direct Method	-25 °C to 120 °C	0.22 °C
190	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	R-Type	Using Multi Product Calibrator by Direct Method	0 °C to 250 °C	0.66 °C
191	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	R-Type	Using Multi Product Calibrator by Direct Method	1000 °C to 1767 °C	0.38 °C
192	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	R-Type	Using Multi Product Calibrator by Direct Method	250 °C to 400 °C	0.40 °C
193	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	R-Type	Using Multi Product Calibrator by Direct Method	400 °C to 1000 °C	0.38 °C
194	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (385)	Using Multi-Product Calibrator by Direct Method	0 °C to 100 °C	0.058 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 35 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
195	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (385)	Using Multi-Product Calibrator by Direct Method	100 °C to 300 °C	0.08 °C
196	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (385)	Using Multi-Product Calibrator by Direct Method	-200 °C to -80 °C	0.058 °C
197	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (385)	Using Multi-Product Calibrator by Direct Method	300 °C to 400 °C	0.10 °C
198	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (385)	Using Multi-Product Calibrator by Direct Method	400 °C to 630 °C	0.11 °C
199	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (385)	Using Multi-Product Calibrator by Direct Method	630 °C to 800 °C	0.15 °C
200	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (385)	Using Multi-Product Calibrator by Direct Method	-80 °C to 0 °C	0.058 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	36 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
201	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	0 °C to 100 °C	0.058 °C
202	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	-200 °C to -190 °C	0.28 °C
203	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	260 °C to 300 °C	0.08 °C
204	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	300 °C to 400 °C	0.09 °C
205	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	400 °C to 600 °C	0.10 °C
206	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	600 °C to 630 °C	0.13 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	37 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
207	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	100 °C to 260 °C	0.07 °C
208	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	-190 °C to -80 °C	0.04 °C
209	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	-80 °C to 0 °C	0.04 °C
210	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3926)	Using Multi-Product Calibrator by Direct Method	0 °C to 100 °C	0.058 °C
211	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3926)	Using Multi-Product Calibrator by Direct Method	300 °C to 400 °C	0.10 °C
212	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3926)	Using Multi-Product Calibrator by Direct Method	-80 °C to 0 °C	0.058 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	38 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
213	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3926)	Using Multi-Product Calibrator by Direct Method	100 °C to 300 °C	0.08 °C
214	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3926)	Using Multi-Product Calibrator by Direct Method	-200 °C to -80 °C	0.058 °C
215	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3926)	Using Multi-Product Calibrator by Direct Method	400 °C to 630 °C	0.11 °C
216	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 1000 (385)	Using Multi-Product Calibrator by Direct Method	0 °C to 100 °C	0.036 °C
217	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 1000 (385)	Using Multi-Product Calibrator by Direct Method	-200 °C to -80 °C	0.035 °C
218	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 1000 (385)	Using Multi-Product Calibrator by Direct Method	260 °C to 300 °C	0.058 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	39 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
219	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 1000 (385)	Using Multi-Product Calibrator by Direct Method	300 °C to 400 °C	0.070 °C
220	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 1000 (385)	Using Multi-Product Calibrator by Direct Method	-80 °C to 0 °C	0.035 °C
221	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 1000 (385)	Using Multi-Product Calibrator by Direct Method	100 °C to 260 °C	0.047 °C
222	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 1000 (385)	Using Multi-Product Calibrator by Direct Method	400 °C to 600 °C	0.081 °C
223	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 1000 (385)	Using Multi-Product Calibrator by Direct Method	600 °C to 630 °C	0.100 °C
224	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 200 (385)	Using Multi-Product Calibrator by Direct Method	0 °C to 100 °C	0.04 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 40 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
225	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 200 (385)	Using Multi-Product Calibrator by Direct Method	100 °C to 260 °C	0.04 °C
226	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 200 (385)	Using Multi-Product Calibrator by Direct Method	260 °C to 300 °C	0.05 °C
227	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 200 (385)	Using Multi-Product Calibrator by Direct Method	400 °C to 600 °C	0.15 °C
228	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 200 (385)	Using Multi-Product Calibrator by Direct Method	600 °C to 630 °C	0.17 °C
229	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 200 (385)	Using Multi-Product Calibrator by Direct Method	-200 °C to -80 °C	0.04 °C
230	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 200 (385)	Using Multi-Product Calibrator by Direct Method	300 °C to 400 °C	0.13 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	41 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
231	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 200 (385)	Using Multi-Product Calibrator by Direct Method	-80 °C to 0 °C	0.04 °C
232	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 500 (385)	Using Multi-Product Calibrator by Direct Method	0 °C to 100 °C	0.05 °C
233	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 500 (385)	Using Multi-Product Calibrator by Direct Method	100 °C to 260 °C	0.05 °C
234	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 500 (385)	Using Multi-Product Calibrator by Direct Method	300 °C to 400 °C	0.09 °C
235	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 500 (385)	Using Multi-Product Calibrator by Direct Method	600 °C to 630 °C	0.11 °C
236	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 500 (385)	Using Multi-Product Calibrator by Direct Method	-80 °C to 0 °C	0.04 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	42 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
237	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 500 (385)	Using Multi-Product Calibrator by Direct Method	-200 °C to -80 °C	0.04 °C
238	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 500 (385)	Using Multi-Product Calibrator by Direct Method	260 °C to 300 °C	0.07 °C
239	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 500 (385)	Using Multi-Product Calibrator by Direct Method	400 °C to 600 °C	0.09 °C
240	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	S-Type	Using Multi Product Calibrator by Direct Method	0 °C to 250 °C	0.54 °C
241	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	S-Type	Using Multi Product Calibrator by Direct Method	1000 °C to 1400 °C	0.42 °C
242	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	S-Type	Using Multi Product Calibrator by Direct Method	1400 °C to 1767 °C	0.43 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	43 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
243	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	S-Type	Using Multi Product Calibrator by Direct Method	250 °C to 1000 °C	0.42 °C
244	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	T-Type	Using Multi Product Calibrator by Direct Method	120°C to 400°C	0.17 °C
245	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	T-Type	Using Multi Product Calibrator by Direct Method	-250 °C to -150 °C	0.73 °C
246	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	T-Type	Using Multi Product Calibrator by Direct Method	0°C to 120°C	0.19 °C
247	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	T-Type	Using Multi Product Calibrator by Direct Method	-150 °C to 0 °C	0.28 °C
248	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6.5 Digit DMM by Direct / Comparison Method	1 Hz to 5 Hz	0.22 % to 0.16 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	44 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
249	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6.5 Digit DMM by Direct / Comparison Method	10 Hz to 40 Hz	0.08 %
250	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6.5 Digit DMM by Direct / Comparison Method	300 KHz to 1000 KHz	0.02 % to 0.01 %
251	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6.5 Digit DMM by Direct / Comparison Method	5 Hz to 10 Hz	0.16 % to 0.08 %
252	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time Interval	Using Digital Timer by Comparison Method	0.1 s to 1 s	0.0083 s to 0.0093 s
253	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time Interval	Using Digital Timer by Comparison Method	1 s to 10 s	0.0093 s to 0.044 s
254	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time Interval	Using Digital Timer by Comparison Method	10 s to 100 s	0.044 s to 0.090 s

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	45 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
255	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time Interval	Using Digital Timer by Comparison Method	100 s to 1000 s	0.090 s to 0.3 s
256	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time Interval	Using Digital Timer by Comparison Method	1000 s to 10000 s	0.3 s to 0.5 s
257	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time Interval	Using Digital Timer by Comparison Method	10000 s to 86400 s	0.5 s
258	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multi-Product Calibrator by Direct Method	11.999 kHz to 119.9 kHz	0.006 % to 0.003 %
259	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multi-Product Calibrator by Direct Method	119.9 kHz to 1199.9 kHz	0.003 % to 0.004 %
260	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multi-Product Calibrator by Direct Method	119.99 Hz to 1199.9 Hz	0.004 % to 0.003 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	46 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
261	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multi-Product Calibrator by Direct Method	1199.9 Hz to 11.999 kHz	0.003 % to 0.006 %
262	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multi-Product Calibrator by Direct Method	1199.9 kHz to 2 MHz	0.004 % to 0.003 %
263	FLUID FLOW-FLOW MEASURING DEVICES	Anemometer with pen type sensors / Air Velocity Meter with pen type sensors	Using Air Velocity Sensor with Indicator by Comparison Method	>1 m/s to 3 m/s	3.94 %
264	FLUID FLOW-FLOW MEASURING DEVICES	Anemometer with pen type sensors / Air Velocity Meter with pen type sensors	Using Air Velocity Sensor with Indicator by Comparison Method	>3 m/s to 5 m/s	3.01 %rdg
265	FLUID FLOW-FLOW MEASURING DEVICES	Anemometer with pen type sensors / Air Velocity Meter with pen type sensors	Using Air Velocity Sensor with Indicator by Comparison Method	>5 m/s to 29.1 m/s	2.62 %rdg
266	FLUID FLOW-FLOW MEASURING DEVICES	Anemometer with pen type sensors / Air Velocity Meter with pen type sensors	Using Air Velocity Sensor with Indicator by Comparison Method	0.32 m/s to 1 m/s	4.95 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	47 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
267	FLUID FLOW-FLOW MEASURING DEVICES	Volumetric Flow Meters such as digital and rotameters. (Medium- Air)	Using Orifice flow Calibrator by Comparison Method	>100 LPM to 300 LPM	1.80 %
268	FLUID FLOW-FLOW MEASURING DEVICES	Volumetric Flow Meters such as digital and rotameters. (Medium- Air)	Using Gas flow Calibrator by Comparison Method	1 LPM to 100 LPM	1.08 %
269	MECHANICAL-ACCELERATION AND SPEED	Tachometers (Non-Contact Type)	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01(Tachometer Calibrator as source)	10000 rpm to 20000 rpm	13 rpm
270	MECHANICAL-ACCELERATION AND SPEED	RPM / Speed (Contact Type) Speed Meters, RPM Meters, RPM Indicators of Centrifuges, RPM Source/Calibrators	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	1000 rpm to 4000 rpm	2.5 rpm
271	MECHANICAL-ACCELERATION AND SPEED	RPM / Speed (Contact Type)Speed Meters, RPM Meters, RPM Indicators of Centrifuges, RPM Source/Calibrators	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	100 rpm to 1000 rpm	1.2 rpm

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 48 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
272	MECHANICAL-ACCELERATION AND SPEED	RPM / Speed (Contact Type)Speed Meters, RPM Meters, RPM Indicators of Centrifuges, RPM Source/Calibrators	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	4000 rpm to 8000 rpm	7.1 rpm
273	MECHANICAL-ACCELERATION AND SPEED	RPM / Speed (Non-Contact Type) Speed Meters, RPM Meters, RPM Indicators of Centrifuges, RPM Source/Calibrators	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	100 rpm to 1000 rpm	1.2 rpm
274	MECHANICAL-ACCELERATION AND SPEED	RPM / Speed (Non-Contact Type) Speed Meters, RPM Meters, RPM Indicators of Centrifuges, RPM Source/Calibrators	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	1000 rpm to 10000 rpm	9.6 rpm
275	MECHANICAL-ACCELERATION AND SPEED	RPM / Speed (Non-Contact Type) Speed Meters, RPM Meters, RPM Indicators of Centrifuges, RPM Source/Calibrators	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	10000 rpm to 20000 rpm	13 rpm
276	MECHANICAL-ACCELERATION AND SPEED	RPM / Speed (Non-Contact Type) Speed Meters, RPM Meters, RPM Indicators of Centrifuges, RPM Source/Calibrators	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	20000 rpm to 50000 rpm	30.3 rpm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	49 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
277	MECHANICAL-ACCELERATION AND SPEED	RPM / Speed (Non-Contact Type) Speed Meters, RPM Meters, RPM Indicators of Centrifuges, RPM Source/Calibrators	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	50000 rpm to 90000 rpm	53.7 rpm
278	MECHANICAL-ACCELERATION AND SPEED	Tachometers (Non-Contact Type)	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01(Tachometer Calibrator as source)	20000 rpm to 50000 rpm	30.3 rpm
279	MECHANICAL-ACCELERATION AND SPEED	Tachometers (Contact Type)	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01(Tachometer Calibrator as source):	100 rpm to 1000 rpm	1.2 rpm
280	MECHANICAL-ACCELERATION AND SPEED	Tachometers (Contact Type)	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01(Tachometer Calibrator as source)	1000 rpm to 4000 rpm	2.5 rpm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	50 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
281	MECHANICAL-ACCELERATION AND SPEED	Tachometers (Contact Type)	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01(Tachometer Calibrator as source):	4000 rpm to 8000 rpm	7.1 rpm
282	MECHANICAL-ACCELERATION AND SPEED	Tachometers (Non-Contact Type)	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01 (Tachometer Calibrator as source):	1000 rpm to 10000 rpm	9.6 rpm
283	MECHANICAL-ACCELERATION AND SPEED	Tachometers(Non-Contact Type)	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	50000 rpm to 90000 rpm	53.7 rpm
284	MECHANICAL-ACCELERATION AND SPEED	Tachometers, (Non-Contact Type)	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01(Tachometer Calibrator as source)	100 rpm to 1000 rpm	1.2 rpm
285	MECHANICAL-ACOUSTICS	Sound Level Meter@ 1 kHz	Using Sound level Calibrator	114dB	0.5 dB
286	MECHANICAL-ACOUSTICS	Sound Level Meter@ 1 kHz	Using Sound Level Calibrator	94 dB	0.5 dB

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	51 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
287	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel Protractor / Combination set (L.C.: 1°)	Using Angle Gauge Block by direct method	0°- 90° - 0°	0.86 °
288	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel Protractor/ Combination set (L.C.: 10 sec)	Using Profile Projector by Comparison Method	0 to 360 °	3.5 min of arc
289	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper (Digital / Dial / Vernier) (L.C.: 0.01 mm)	Using Gauge Block Set & Caliper Checker By Comparison Method	0 to 300 mm	7.6 µm
290	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper (Digital / Dial / Vernier) (L.C.: 0.01 mm)	Using Gauge Block Set & Caliper Checker By Comparison Method	0 to 600 mm	12.5 µm
291	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Coating Thickness Gauge (L.C.: 0.1 µm & Coarser)	Using Standard Foils by Comparison method	100 µm to 1450 µm	4.5 µm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	52 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
292	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Comparator Stand (Flatness)	Using Dial Indicator by Comparison Method	Up to 400 mm	3.09 µm
293	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer (Digital / Dial / External) (L.C.: 0.01 mm)	Using Gauge Block Set & Long Slip Gauges by comparison method	0 to 300 mm	6.55 µm
294	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial / Digital Thickness Gauge (L.C.: 0.01 mm & Coarser)	Using Slip Gauge block Set (Gr 0) by Comparison Method	0 to 10 mm	5.78 µm
295	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Depth Gauge (L.C.: 0.01 mm & Coarser)	Using Slip Gauge block Set (Gr 0), gauge block accessories by Comparison Method	0 to 25 mm	5.78 µm
296	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Elongation Gauge (Length Gauge)	Using Profile projector by Direct Method	10 mm to 60 mm	20 µm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	53 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
297	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Engineer's Parallel Width B. Variation In Thickness	Using Slip Gauge block Set (Gr 0), Surface Plate & Digital Dial Indicator by Comparison Method	0 to 300 mm	3.3 µm
298	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Engineer's Parallel (Width, Equality Of Pairs)	Using Slip Gauge block Set (Gr 0), Surface Plate & Digital Dial Indicator by Comparison Method	0 to 300 mm	3.5 µm
299	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Engineer's Parallel (Width, Parallelism)	Using Slip Gauge block Set (Gr 0), Surface Plate & Digital Dial Indicator by Comparison Method	0 to 300 mm	3.5 µm
300	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Engineer's Parallel A. Thickness And Width	Using Slip Gauge block Set (Gr 0), Surface Plate & Digital Dial Indicator by Comparison Method	0 to 300 mm	3.3 µm
301	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (Analog / Digital) (L.C.: 0.001 mm & Coarser)	Using Gauge Block Set & Long Slip Gauges By Comparison Method	100 mm to 200 mm	6.11 µm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	54 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
302	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (Analog / Digital) (L.C.: 0.01 mm & Coarser)	Using Gauge Block Set & Long Slip Gauges by Comparison Method	0 to 150 mm	5.99 µm
303	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	Using Digital Dial Indicator 0.1µm, Comparator stand by Comparison Method	0.05 mm to 1 mm	1.03 µm
304	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	Using Digimatic Micrometer by Direct method	0.05 mm to 1 mm	5 µm
305	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Flakiness Gauge	Using Profile Projector by direct method	10 mm to 63 mm	20 µm
306	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Gauge Block Accessories (Flatness)	Using Gauge Block & Digital Dial indicator by Comparison method	Upto 250 mm	1 µm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	55 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
307	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Gauge Block Accessories (Parallelism)	Using Gauge Block & Digital Dial indicator by Comparison method	Upto 60 mm	3.5 µm
308	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Granite Square (Flatness)	Using Surface Plate & Dial Indicator by comparison method	Upto 600 mm	3.67 µm
309	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Granite Square (Squareness)	Using Surface Plate & Dial Indicator, Granite Square by comparison method	Upto 600 mm	10 µm
310	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Hegman Gauge - Depth Measurement	Using Plunger Digital Dial Gauge Comparator stand by direct method	0 to 100 µm	3 µm
311	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge - Vernier / Dial / Digital (L.C.: 0.01 mm & coarser)	Using Gauge Block Set & Long Slip Gauges by Comparison Method	0 to 600 mm	9.25 µm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	56 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
312	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Inclinometer/ Digital Angle Protractor, Base length 50 mm, (L.C.: 0.01 °)	Using Angle Gauge Block by Direct Method	0° to 360°	0.03 °
313	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal / Stick Micrometer (L.C.: 0.01 mm)	Using Gauge Block Set & Long Slip Gauges & Dial Test Indicator by comparison method	0 to 600 mm	7.98 µm
314	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Dial Gauge (L.C.: 0.001 mm & coarser)	Using Dial Calibration Tester by Comparison Method	0 to 0.14 mm	1.79 µm
315	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Limit Gauges (Height, Depth, Length, Diameter, Radius)	Using Gauge Blocks, Profile Projector by Comparison method	Up to 200 mm	6.22 µm
316	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Limit Gauges Angle	Using Profile Projector by Direct Method	0 to 360 Deg	4.4 min of arc

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	57 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
317	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Scale	Using Profile Projector by Comparison Method	0 to 200mm	8.4 µm
318	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Head - Deviation of Traverse over (L.C.: 0.0002 mm & Coarser)	Using Digital Dial Indicator & Slip Gauge block Set (Gr 0) by Comparison Method	0 to 25 mm	1.3 µm
319	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Mould (Cube, Beam, Cylindrical)	Using Digital Caliper by comparision method	0 to 150 mm	17.5 µm
320	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Parallel Block	Using Slip Gauge block Set (Gr 0), Surface Plate & Digital Dial Indicator by Comparison Method	0 to 300mm	3.5 µm
321	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pitch Gauge	Using Profile Projector by comparison method	0.35 mm to 7 mm	6.11 µm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	58 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
322	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge / Width Gauge	Using Slip Gauge block Set (Gr 0), Digital Dial Indicator by Comparison Method	1 mm to 100 mm	1.3 µm
323	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge / Width Gauge	Using Digital Dial Indicator & Slip Gauge block Set (Gr 0) by Comparison Method	100 mm to 300 mm	2.5 µm
324	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Dial Gauge (L.C.: 0.0001 mm & coarser)	Using Slip Gauge block Set (Gr 0) & Comparator Stand by Comparison Method	0 to 25 mm	0.59 µm
325	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Dial Gauge (L.C.: 0.001 mm & coarser)	Using Dial Calibration Tester by Comparison Method	0 to 12.5 mm	1.72 µm
326	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Dial Gauge (L.C.: 0.01 mm & coarser)	Using Dial Calibration Tester & Slip Gauge block Set (Gr 0) by Comparison Method	0 to 50 mm	6.06 µm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	59 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
327	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Radius Gauge (Concave & Convex)	Using Profile Projector Comparison method	0.5 mm to 40 mm	8 µm
328	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Receiving Gauge/ Profile Gauge / Profile of Work Piece - Angle	Using Profile Projector by Direct Method	0 to 360 °	4.5 '
329	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Receiving Gauge/ Profile Gauge / Profile of Work Piece -Radius	Using Profile Projector by Direct Method	0 to 100 mm	10 µm
330	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Sine Bar (center Distance)	Using Gauge Block Set , Angle Gauge, Digital Dial Indicator Comparison method	Upto 300 mm	4.2 µm
331	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Sine Bar (Parallelism)	Using Gauge Block, Angle Gauge, Digital Dial Indicator by Comparison method	Upto 300 mm	3.5 µm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	60 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
332	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge / Gap Gauge (Fixed / Adjustable)	Using Slip Gauge block Set (Gr 0) by Comparison Method IS: 3477,IS:7876	100 mm to 300 mm	2.8 µm
333	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge / Gap Gauge (Fixed / Adjustable)	Using Slip Gauge block Set (Gr 0) by Comparison Method	3 mm to 100 mm	1.42 µm
334	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Spline Gauge - Outer Diameter	Using Gauge Block Set, Digital Dial indicator, comparator stand By Comparison Method	6 mm to 30 mm	2.9 µm
335	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Standard Foils	Using Digital Dial indicator with comparator by Comparison Method	0.01 mm to 2 mm	1 µm
336	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Surface Plate (Granite / Cast Iron)	Using Spirit Level by Comparison Method	1000 mm X 1000 mm	1.4 x sqrt(L+B)/150 µm,Where L & B in mm

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 61 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
337	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Scale (L.C.: 0.1 mm)	Using Profile Projector by Direct Method	0 to 200 mm	59 µm
338	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Test Sieves	Using Digital Caliper by Direct Method	10 mm to to 150mm	15.1 µm
339	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Test Sieves	Using Profile Projector by comparison method	0.030 mm to 10 mm	7.5 µm
340	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Measuring Wire	Using Digital Dial Indicator & Slip Gauge block Set (Gr 0) by Comparison Method	0.17 mm to 6.35 mm	1 µm
341	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Pitch Gauge	Using Profile projector by Direct method:	55°, 60° to & Upto 6.35 mm	4.2 min & 11.1 µm

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 62 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
342	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Try Square/ Engineer's Square (Parallelism)	Using Lever Dial, Surface plate, Slip Gauge Blocks by direct method	Upto 300 mm	7 µm
343	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Try Square/ Engineer's Square Squareness)	Using Lever Dial, Surface plate, Granite Square, Slip Gauge Blocks by direct method	Upto 300 mm	7.13 µm
344	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Ultrasonic Thickness Gauge (L.C.: 0.1 mm & Coarser)	Using Slip Gauge block Set (Gr 0), Long slip by Comparison Method	1.2 mm to 200 mm	57.8 µm
345	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V Block (Flatness)	Using Granite Square, Slip Gauge Blocks, Lever Dial, Test Mandrel by direct method	25 mm to 250 mm	4 µm
346	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V Block (Parallelism)	Using Granite Square, Slip Gauge Blocks, Lever Dial, Test Mandrel by direct method	25 mm to 250 mm	4.5 µm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	63 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
347	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V Block (Squareness)	Using Granite Square, Slip Gauge Blocks, Lever Dial, Test Mandrel by direct method	25 mm to 200 mm	4 µm
348	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V Block Symmetricity	Using Granite Square, Slip Gauge Blocks, Lever Dial, Test Mandrel by direct method	25 mm to 250 mm	4.5 µm
349	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Wedge Probe/Test Finger (Linear Dimensions)	Using Profile Projector as per Comparison Method	0 to 300 mm	15 µm
350	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Wedge Probe/Test Finger (Radius And Angular Dimensions)	Using Profile Projector by Comparison Method	0 to 60°	4.2 min
351	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Wedge Probe/Weld Gauge/Weld Fillet Gauge (Angle)	Using Profile Projector by direct method	0 to 60°	5.2 min of arc

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	64 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
352	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Weld Fillet Gauge Radius Linear	Using Profile Projector by comparison method	Upto 200 mm	8 µm
353	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Weld Fillet Gauge/ Weld Gauge/ Hi-Lo Gauge/ Bridge Cam Gauge/ Chamfer Gauge - Angle	Using Profile Projector by direct method	1 ° to 90 °	4.2 min
354	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Weld Fillet Gauge/ Weld Gauge/Hi-Lo Gauge/ Bridge Cam Gauge/ Chamfer Gauge - Length	Using Profile Projector by Direct Method	0 to 60 mm	8 µm
355	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Weld Gauge/Weld Fillet Gauge (Scale/Depth)	Using Profile Projector as per Comparison Method	Upto 60 mm	120 µm
356	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Wet Film gauge	Using Profile Projector by Direction method	10 µm to 3 mm	6.11 µm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	65 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
357	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Wire Gauge	Using Profile Projector by Direct Method	0.19 mm to 7.82 mm	7 µm
358	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Caliper Checker	Using Gauge Block Set & Long Slip Gauges lever dial gauge by Comparison method	0 to 1000 mm	4.5 µm
359	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Dial Calibration Tester (L.C.: 0.0001 mm & Coarser)	Using Slip Gauge block Set (Gr 0) by Comparison Method	0 to 25 mm	1.2 µm
360	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Length bar	Using Digital Dial Indicator & Slip Gauge block Set (Gr 0) by Comparison Method	100 mm to 300 mm	4 µm
361	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Length bar	Using Digital Dial Indicator & Slip Gauge block Set (Gr 0) by Comparison Method	300 mm to 600 mm	6 µm
362	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	LVDT Probe with DRO / Dial indicator (L.C.: 0.0001 mm & coarser)	Using Slip Gauge block Set (Gr 0) & Comparator Stand by Comparison Method	0 to 25 mm	0.65 µm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	66 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
363	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Micrometer Setting Rod	Using Slip Gauge Set Grade 0, Digital Dial Indicator by Comparison method	100 mm to 600 mm	12 µm
364	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Micrometer Setting Rod	Using Slip Gauge Block Grade(0), Digital Dial indicator by comparison Method	25mm to 100mm	4 µm
365	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Ocular / Graticule (L.C.: 1°)	Using Profile Projector by Comparison Method	360°	4.41 min of arc
366	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Ocular / stage micrometer / Eye Piece Graticule (L.C.: 0.01mm	Using Profile Projector by Direct Method	0 to 100mm	6.12 µm
367	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector - Angular (L.C.: 1 sec)	Using Angle gauge by Comparison Method	Upto 360 °	3.9 min of arc
368	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector - Magnification	Using Digital Caliper by Comparison Method	10 X to 100 X	0.64 %
369	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector/ Video Measuring System/ Microscope - Linear (L.C.: 0.0001 mm)	Using Slip Gauges & Long Slip Gauges by Comparison Method	Up to 300 mm	5 µm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	67 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
370	MECHANICAL-PRESSURE INDICATING DEVICES	Absolute Pressure Analog / Digital,Pressure Gauges,Pressure Transmitter with / without Indicator, Pressure Switches, Pressure Calibrators,Manometer,Barometer	Using Digital Pressure Indicator, Digital Multimeter by Comparison Method as per DKD R-6-1	750 mbar to 1150 mbar	3 mbar
371	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure,Pressure Gauges,Magnehelic/ photohelic gauge,Pressure Indicators /Controllers /Transmitters /Switches,Manometer	Using Digital Manometer (DPG),Digital Multimeter, Vacuum pump by Comparison Method as per DKD R-6-1	-100 mbar to 100 mbar	0.058 mbar
372	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure,Pressure Gauges,Pressure Indicators /Controllers /Transmitters with /without Indicator /Pressure Switches,pressure Calibrator,Manometer	Using Digital Pressure Calibrator, Digital Multimeter by Comparison Method as per DKD R-6-1	0 to 2 bar	0.07 % of rdg

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 68 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
373	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure,Pressure Gauges,Pressure Indicators /Controllers /Transmitters with /without Indicator /Pressure Switches,pressure Calibrator,Manometer	Using Digital Pressure Calibrator, Digital Multimeter by Comparison Method as per DKD R-6-1	2 bar to 40 bar	0.05 % of rdg
374	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure (Hydraulic)Analog/Digital Pressure Gauges,Pressure Transmitters with /without Indicator /Pressure Switches,pressure Calibrator	Using Digital Pressure Calibrator and hand pump comparator, Digital Multimeter by Comparison Method as per DKD R-6-1	0 to 1000 bar	0.11 % of rdg
375	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure (Hydraulic)Analog/Digital Pressure Gauges,Pressure Transmitters with /without Indicator /Pressure Switches,pressure Calibrator	Using Digital Pressure Calibrator, Digital Multimeter and hand pump comparator by Comparison Method as per DKD R-6-1	0 to 700 bar	0.2 bar

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	69 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
376	MECHANICAL-PRESSURE INDICATING DEVICES	Vacuum Analog /Digital, Vacuum Gauges, Vacuum Transmitter with /without Indicator,Vacuum Switches,Vacuum Calibrators,Manometer	Using Digital Manometer (DPG),Digital Multimeter by Comparison Method as per DKD R-6-1	0 to 100 mbar	0.058 % of rdg
377	MECHANICAL-PRESSURE INDICATING DEVICES	Vacuum Analog /Digital, Vacuum Gauges, Vacuum Transmitter with /without Indicator,Vacuum Switches,Vacuum Calibrators,Manometer	Using Digital Manometer (DPG), Digital Multimeter by Comparison Method as per DKD R-6-1	0 to 900 mbar	0.39 % of rdg
378	MECHANICAL-TORQUE GENERATING DEVICES	Torque, Torque Wrench , Torque Driver, Type-I Class B,C,D,E Type II,Class A,B,D,E	Using Torque Transducer With indicator of various capacities, Torque Calibration ring as per Based on ISO 6789: 2017	10 Nm to 300 Nm	0.53 % of rdg

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 70 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
379	MECHANICAL-VOLUME	Glasswares(Measuring Cylinder, Pipette,Burette, Volumetric Flask, Beaker,Measuring Jar, Conical Flask, Dispenser, Crow Receiver, Specific Gravity Cup,Lechatelier Flask,Centrifuge Filter Tube.	Using Precision Weighing Balance with readability 0.1 mg as per ISO 4787: 2021 by Gravimetric Method	1 ml to 10 ml	0.120 µl
380	MECHANICAL-VOLUME	Glasswares(Measuring Cylinder, Pipette,Burette, Volumetric Flask, Beaker,Measuring Jar, Conical Flask, Dispenser, Crow Receiver, Specific Gravity Cup,Lechatelier Flask,Centrifuge Filter Tube.	Using Precision Weighing Balance with readability 0.1 mg as per ISO 4787: 2021 by Gravimetric Method	10 ml to 20 ml	0.48 µl

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 71 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
381	MECHANICAL-VOLUME	Glasswares(Measuring Cylinder, Pipette,Burette, Volumetric Flask, Beaker,Measuring Jar, Conical Flask, Dispenser, Crow Receiver, Specific Gravity Cup,Lechatelier Flask,Centrifuge Filter Tube.	Using Precision Weighing Balance with readability 0.1 mg as per ISO 4787: 2021 by Gravimetric Method	20 ml to 50 ml	0.94 µl
382	MECHANICAL-VOLUME	Glasswares(Measuring Cylinder, Pipette,Burette, Volumetric Flask, Beaker,Measuring Jar, Conical Flask, Dispenser, Crow Receiver, Specific Gravity Cup,Lechatelier Flask,Centrifuge Filter Tube.	Using Precision Weighing Balance with readability 0.1 mg as per ISO 4787: 2021 by Gravimetric Method	50 ml to 100 ml	4.76 µl
383	MECHANICAL-VOLUME	Micropipette	Using Precision Weighing Balance with readability 0.01 mg as per ISO 8655-6: 2022 by Gravimetric Method	10 µl to 100 µl	0.111 µl

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	72 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
384	MECHANICAL-VOLUME	Micropipette	Using Precision Weighing Balance with readability 0.01 mg as per ISO 8655-6: 2022 by Gravimetric Method	100 µl to 1000 µl	0.120 µl
385	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Analog Weighing Balance, class I, Readability : 0.1 mg	Using E2 Class Standard Weights as per OIML R76-1	upto 200 g	0.16 mg
386	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Analog Weighing Balance, class II, Readability : 100 mg	Using F1 Class Standard Weights as per OIML R76-1	upto 20 kg	59.2 mg
387	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Analog Weighing Balance, Class III, Readability : 20 g	Using F1 & M1 Class Standard Weights as per OIML R76-1	upto 300 kg	13.2 g
388	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class F1 & Coarser)	Using E2 Class Standard Weights and Micro Balance (Readability: 0.01 mg)by ABBA method as per OIML R-111-1	1 g	0.015 mg
389	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class F1 & Coarser)	Using E2 Class Standard Weights and Micro Balance (Readability: 0.01 mg)by ABBA method as per OIML R-111-1	10 g	0.022 mg

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	73 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
390	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class F1 & Coarser)	Using E2 Class Standard Weights and Micro Balance (Readability: 0.01 mg)by ABBA method as per OIML R-111-1	100 g	0.10 mg
391	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class F1 & Coarser)	Using E2 Class Standard Weights and Micro Balance (Readability: 0.01 mg)by ABBA method as per OIML R-111-1	100 mg	0.010 mg
392	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class F1 & Coarser)	Using E2 Class Standard Weights and Micro Balance (Readability: 0.01 mg)by ABBA method as per OIML R-111-1	2 g	0.016 mg
393	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class F1 & Coarser)	Using E2 Class Standard Weights and Micro Balance (Readability: 0.01 mg)by ABBA method as per OIML R-111-1	20 g	0.026 mg
394	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class F1 & Coarser)	Using E2 Class Standard Weights and Micro Balance (Readability: 0.01 mg)by ABBA method as per OIML R-111-1	20 mg	0.009 mg

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 74 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
395	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class F1 & Coarser)	Using E2 Class Standard Weights and Micro Balance (Readability: 0.01 mg)by ABBA method as per OIML R-111-1	200 g	0.13 mg
396	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class F1 & Coarser)	Using E2 Class Standard Weights and Micro Balance (Readability: 0.01 mg)by ABBA method as per OIML R-111-1	200 mg	0.012 mg
397	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class F1 & Coarser)	Using E2 Class Standard Weights and Micro Balance (Readability: 0.01 mg)by ABBA method as per OIML R-111-1	5 g	0.019 mg
398	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class F1 & Coarser)	Using E2 Class Standard Weights and Micro Balance (Readability: 0.01 mg)by ABBA method as per OIML R-111-1	50 g	0.050 mg
399	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class F1 & Coarser)	Using E2 Class Standard Weights and Micro Balance (Readability: 0.01 mg)by ABBA method as per OIML R-111-1	50 mg	0.012 mg

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 75 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
400	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class F1 & Coarser)	Using E2 Class Standard Weights and Micro Balance (Readability: 0.01 mg)by ABBA method as per OIML R-111-1	500 mg	0.013 mg
401	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class F2 & Coarser)	Using E2 Class Standard Weights and Micro Balance (Readability: 0.01 mg)by ABBA method as per OIML R-111-1	1 mg	0.012 mg
402	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class F2 & Coarser)	Using E2 Class Standard Weights and Micro Balance (Readability: 0.01 mg)by ABBA method as per OIML R-111-1	10 mg	0.012 mg
403	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class F2 & Coarser)	Using E2 Class Standard Weights and Micro Balance (Readability: 0.01 mg)by ABBA method as per OIML R-111-1	2 mg	0.012 mg
404	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class F2 & Coarser)	Using E2 Class Standard Weights and Micro Balance (Readability: 0.01 mg)by ABBA method as per OIML R-111-1	5 mg	0.012 mg

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 76 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
405	MECHANICAL-WEIGHTS	Mass - Weights (Accuracy Class M1 & Coarser)	Using F1 Class Standard Weights and Micro Balance (Readability: 100 mg)by ABBA method as per OIML R-111-1	20000 g	58.18 mg
406	OPTICAL-OPTICAL	Lux Meter / Light Meter	Using Light Meter by Comparison Method	100 lux to 1000 lux	3.3 %
407	OPTICAL-OPTICAL	Lux Meter / Light Meter	Using Light Meter by Comparison Method	1000 lux to 10000 lux	3.3 %
408	OPTICAL-OPTICAL	Lux Meter / Light Meter	Using Light Meter by Comparison Method	10000 lux to 20000 lux	3.2 %
409	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity Indicator / Controller / Recorder with Sensor of Humidity Chamber,Environmental Chamber (single Point Calibration)	Using Digital Thermohygrometer by Comparison Method	30%rh to 95%rh @20°C, 25°C, 50°C	0.9 %rh
410	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity(Digital / Analog Thermo Hygrometers,Hygrometers,Hygrographs, Humidity,Sensors, Data Loggers,Temperature & Humidity Transmitters) (@ 20°C to 55°C)	Using Digital Thermohygrometer with Humidity Chamber by Comparison Method	30% rh to 95% rh @20°C, 25°C, 50°C	0.95 %rh

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 77 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
411	THERMAL-TEMPERATURE	Liquid In Glass Thermometer	Using SSPRT Sensor with Digital Multimeter by Comparison Method , -80 Ultra low Liquid bath as source	-1°C to 250°C	0.18 °C
412	THERMAL-TEMPERATURE	Liquid in Glass Thermometer	Using SSPRT Sensor with Digital Multimeter by Comparison Method, -80 Ultra low liquid bath, oil bath 250 degree as source	0 °C to 200 °C	0.10 °C
413	THERMAL-TEMPERATURE	Liquid in Glass Thermometer	Using SSPRT Sensor with Digital Multimeter by Comparison Method, 250 oil bath as source	200°C to 250°C	0.41 °C
414	THERMAL-TEMPERATURE	Temperature (RTD/TC with/without Indicator,Thermistor, Temperature Recorder,Temperature Datalogger,Temperature Gauge,Temperature Switch,Temperature	Using SSPRT Sensor with Digital Multimeter by Comparison Method(Dry bath Calibrator as Source)	250°C to 650°C	0.13 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	78 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
415	THERMAL-TEMPERATURE	Temperature (RTD/TC with/without Indicator,Thermistor, Temperature Recorder,Temperature Datalogger,Temperature Gauge,Temperature Switch,Temperature Transmitters	Using SSPRT Sensor with Digital Multimeter by Comparison Method(Dry block Calibrator as source)	400°C to 650°C	0.42 °C
416	THERMAL-TEMPERATURE	Temperature (RTD/TC with/without Indicator/recorder,Thermistor,Temperature Datalogger with sensor,Temperature Gauge,Temperature Switch	Using SSPRT Sensor with Digital Multimeter by Comparison Method(-80 ultra low liquid bath , Oil bath as source)	30°C to 250 °C	0.08 °C
417	THERMAL-TEMPERATURE	Temperature (RTD/TC with/withoutIndicator,Thermistor,Temperature Recorder/Temperature Datalogger with sensor,Temperature Gauge,Temperature Switch	Using SSPRT Sensor with Digital Multimeter by Comparison Method(-80 Ultra low liquid bath as source)	-80 °C to 30°C	0.17 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 79 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
418	THERMAL-TEMPERATURE	Temperature (TC with/without Indicator,Thermistor, Temperature Recorder,Temperature Datalogger with sensor,,Temperature Switch,Temperature Transmitter	Using R-Type Thermocouple with Digital Multimeter by Comparison Method(Dry bath calibrator as source)	650 °C to 1000 °C	1.96 °C
419	THERMAL-TEMPERATURE	Temperature (TC with/without Indicator,Thermistor, Temperature Recorder,Temperature Datalogger,Temperature Gauge,Temperature Switch,Temperature Transmitter,Glass	Using R-Type Thermocouple with Digital Multimeter by Comparison Method(Dry bath calibrator as source)	1000 °C to 1200 °C	2.96 °C
420	THERMAL-TEMPERATURE	Temperature by Spatial Mapping: Ovens,Incubator,autoclave (for Non-MedicalApplications), Bath,Environmental Chamber, and Temperature enclosures (Multi-position)	Using Data Logger with RTD Sensor by Comparison Method	50°C to 250°C	1.8 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	80 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
421	THERMAL-TEMPERATURE	Temperature by Spatial Mapping:Freezer, Ovens,Incubator,autoclave (for Non-MedicalApplications), Bath,Environmental Chamber, Cold Room and Temperature enclosures (Multi-position)	Using Data Logger with RTD Sensor by Comparison Method	- 20°C to 400°C	0.79 °C
422	THERMAL-TEMPERATURE	Temperature Indicator of Bath, Dry Block Calibrator	Using R-Type Thermocouple with Digital Multimeter by Comparison Method	1000 °C to 1200 °C	2.96 °C
423	THERMAL-TEMPERATURE	Temperature Indicator of Bath, Dry Block Calibrator	Using SSPRT Sensor with Digital Multimeter by Comparison Method	-80 °C to 0 °C	0.17 °C
424	THERMAL-TEMPERATURE	Temperature Indicator of Bath, Dry Block Calibrator	Using SSPRT Sensor with Digital Multimeter by Comparison Method	0 °C to 200 °C	0.08 °C
425	THERMAL-TEMPERATURE	Temperature Indicator of Bath, Dry Block Calibrator	Using SSPRT Sensor with Digital Multimeter by Comparison Method	200°C to 400°C	0.13 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	81 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
426	THERMAL-TEMPERATURE	Temperature Indicator of Bath, Dry Block Calibrator	Using SSPRT Sensor with Digital Multimeter by Comparison Method	400°C to 650°C	0.42 °C
427	THERMAL-TEMPERATURE	Temperature Indicator of Bath, Dry Block Calibrator	Using R-Type Thermocouple with Digital Multimeter by Comparison Method	650 °C to 1000 °C	1.96 °C
428	THERMAL-TEMPERATURE	Temperature(Digital / Analog Thermo Hygrometers(temperature only),Hygrographs(temperature only) , Data Loggers(built in sensor), Humidity(built-in sensor-Transmitters)	Using SSPRT Sensor with Digital Multimeter with temperature Chamber by Comparison Method	-2.0°C to 60 °C	0.13 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	82 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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 Voltage @ 10 Hz to 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	10 mV to 100 mV	0.565 % to 0.122 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 10 Hz to 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	100 mV to 1 V	0.122 % to 0.125 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 10 Hz to 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	100 V to 1000 V	0.108 % to 0.096 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 10 Hz to 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	1 V to 10 V	0.2167 % to 0.13 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	83 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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 Voltage @ 10 Hz to 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	10 V to 100 V	0.13 % to 0.108 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	1nF to 10 nF	5.28 % to 1.73 %
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	1 µF to 10 µF	1.73 % to 1.83 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	10 µF to 100 µF	1.83 % to 1.73 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	10 nF to 100 nF	1.73 % to 1.73 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	84 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)	Capacitance @ 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	100 nF to 1 µF	1.73 % to 1.73 %
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using 6.5 Digit DMM by Direct / Comparison Method	100 µF	1.73 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Current @ (10 Hz to 1 kHz)	Using 6.5 Digit DMM by Direct / Comparison Method	1 mA to 10 mA	0.28 % to 1.21 %
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Current @ (10 Hz to 1 kHz)	Using 6.5 Digit DMM by Direct / Comparison Method	10 µA to 100 µA	0.89 % to 1.22 %
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Current @ (10 Hz to 1 kHz)	Using 6.5 Digit DMM by Direct / Comparison Method	10 mA to 100 mA	1.21 % to 0.18 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	85 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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) (Measure)	Current @ (10 Hz to 1 kHz)	Using 6.5 Digit DMM by Direct / Comparison Method	100 µA to 1 mA	1.22 % to 0.54 %
16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Current @ (40 Hz to 1 kHz)	Using 6.5 Digit DMM by Direct / Comparison Method	1A to 3A	0.17 % to 0.27 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Current @ (40 Hz to 1 kHz)	Using 6.5 Digit DMM by Direct / Comparison Method	3 A to 10 A	0.27 % to 0.24 %
18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Current @ (40 Hz to 1 kHz)	Using 6.5 Digit DMM by Direct / Comparison Method	100 mA to 500 mA	0.26 %
19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Current @ (40 Hz to 1 kHz)	Using 6.5 Digit DMM by Direct / Comparison Method	500 mA to 1A	0.26 % to 0.170 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 86 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
20	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	High Voltage @50 Hz	High voltage Probe with Digital multimeter	1 kV RMS to 28 kV RMS	9.98 % to 8.62 %
21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Single & 3 Phase AC POWER @50 Hz (0.5 lag)	Using Three Phase calibration meter by Direct & Comparison Method	9 W to 4.5 kW	0.27 % to 0.27 %
22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Single & 3 Phase AC POWER @50 Hz (0.5 lead).	Using Three Phase calibration meter by Direct & Comparison Method	9 W to 4.5 kW	0.27 % to 0.27 %
23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Single & 3 Phase AC POWER @50 Hz (PF=1)	Using Three Phase calibration meter by Direct & Comparison Method	18 W to 9 kW	0.27 % to 0.27 %
24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Single & 3 Phase Energy	Using Three Phase calibration meter by Direct & Comparison Method	1 kWh to 20 kWh	0.30 % to 0.30 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 87 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (10 Hz to 10 kHz)	Using Multi-Product Calibrator by Direct Method	2.99 A to 10 A	0.21 % to 0.12 %
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (10 Hz to 10 kHz)	Using Multi-Product Calibrator by Direct Method	3.2 mA to 32 mA	0.24 % to 0.11 %
27	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (10 Hz to 10 kHz)	Using Multi-Product Calibrator by Direct Method	32 mA to 320 mA	0.11 % to 0.21 %
28	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (10 Hz to 10 kHz)	Using Multi-Product Calibrator by Direct Method	320 µA to 3.2 mA	0.21 % to 0.24 %
29	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (10 Hz to 10 kHz)	Using Multi-Product Calibrator by Direct Method	320 mA to 1 A	0.21 % to 0.25 %
30	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (10 Hz to 10 kHz)	Using Multi-Product Calibrator by Direct Method	1 A to 2.99 A	0.25 % to 0.21 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 88 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
31	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ (10 Hz to 10 kHz)	Using Multi-Product Calibrator by Direct Method	10 A	3.48 %
32	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @50Hz	Using Multi function Calibrator with Current Coil by Direct Method	10 A to 550 A	0.035 % to 0.4 %
33	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ (10 Hz to 20 kHz)	Using Multi-Product Calibrator by Direct Method	32 mV to 320 mV	0.24 % to 0.06 %
34	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ (10 Hz to 20 kHz)	Using Multi-Product Calibrator by Direct Method	320 mV to 3.2 V	0.06 % to 0.06 %
35	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ (10 Hz to 20 kHz)	Using Multi-Product Calibrator by Direct Method	3.2 V to 32 V	0.06 % to 0.09 %
36	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ (45 Hz to 1 kHz)	Using Multi-Product Calibrator by Direct Method	32 V to 320 V	0.066 % to 0.059 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 89 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
37	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ (45 Hz to 1 kHz)	Using Multi-Product Calibrator by Direct Method	320 V to 990 V	0.059 % to 0.060 %
38	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Active POWER at 10 V to 600 V & 0.2 A to 10 A @50 Hz at 0.5 lag PF	Using Multi-Product Calibrator by Direct Method	1 W to 3 kW	1.14 % to 1.13 %
39	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Active POWER at 10 V to 600 V & 0.2 A to 10 A @50 Hz at 0.5 lead PF	Using Multi-Product Calibrator by Direct Method	1 W to 3 kW	1.14 % to 1.13 %
40	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Active POWER at 40 V to 1000 V & 0.01 A to 11 A @50 Hz at UPF	Using Multi-Product Calibrator by Direct Method	1 W to 6 kW	0.34 % to 0.12 %
41	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @100 Hz	Using Multi-Product Calibrator by Direct Method	1.0999 µF to 3.2999 µF	0.50 % to 0.39 %
42	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1 kHz	Using Multi-Product Calibrator by Direct Method	10.999 nF to 32.999 nF	0.61 % to 0.78 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	90 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
43	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1 kHz	Using Multi-Product Calibrator by Direct Method	110 nF to 329.99 nF	0.477 % to 0.39 %
44	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1 kHz	Using Multi-Product Calibrator by Direct Method	1.0999 nF to 3.2999 nF	2.06 % to 1.12 %
45	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @100 Hz	Using Multi-Product Calibrator by Direct Method	10.999 µF to 32.999 µF	0.39 % to 0.67 %
46	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @100 Hz	Using Multi-Product Calibrator by Direct Method	109.99 µF to 329.99 µF	0.77 % to 0.65 %
47	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @100 Hz	Using Multi-Product Calibrator by Direct Method	3.2999 µF to 10.999 µF	0.39 % to 0.39 %
48	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @100 Hz	Using Multi-Product Calibrator by Direct Method	32.999 µF to 109.99 µF	0.67 % to 0.77 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	91 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
49	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @100 Hz	Using Multi-Product Calibrator by Direct Method	329.99 nF to 1.0999 µF	0.39 % to 0.50 %
50	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1kHz	Using Multi-Product Calibrator by Direct Method	0.33 nF to 0.5 nF	5.44 % to 3.80 %
51	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1kHz	Using Multi-Product Calibrator by Direct Method	3.2999 nF to 10.999 nF	1.12 % to 0.61 %
52	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @50 Hz	Using Multi-Product Calibrator by Direct Method	329.99 µF to 1.0999 mF	0.65 % to 1.20 %
53	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1 kHz	Using Multi-Product Calibrator by Direct Method	0.5 nF to 1.0999 nF	3.80 % to 2.06 %
54	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1kHz	Using Multi-Product Calibrator by Direct Method	32.999 nF to 110 nF	0.78 % to 0.477 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	92 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
55	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Standard Inductance Box by Direct Method	10 µH to 10 H	0.76 % to 0.5 %
56	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Power Factor @ 50 Hz	Using Power Calibrator by Direct Method	0.2 lag to 1 UPF	0.003 PF
57	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Power Factor @ 50 Hz	Using Power Calibrator by Direct Method	1 UPF to 0.2 Lead	0.003 PF
58	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance	Using Standard Resistance Box by Direct Method	100 Mohms	1 %
59	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance	Using Standard Resistance Box by Direct Method	10Mohms	1 %
60	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance	Using Standard Resistance Box by Direct Method	1Gohms	1.8 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 93 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
61	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	1 A to 3 A	0.082 % to 0.142 %
62	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	10 mA to 100 mA	0.081 % to 0.063 %
63	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	3A to 10 A	0.142 % to 0.184 %
64	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	1 A to 3 A	0.082 % to 0.142 %
65	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	1 mA to 10 mA	0.064 % to 0.081 %
66	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	100 µA to 1 mA	0.089 % to 0.064 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	94 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
67	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	400 mA to 1 A	0.066 % to 0.082 %
68	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	10 µA to 100 µA	0.4 % to 0.9 %
69	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6.5 Digit DMM by Direct / Comparison Method	100 mA to 500 mA	0.063 % to 0.066 %
70	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Power	Using Three Phase calibration meter by Direct & Comparison Method	1 W to 10 kW 10 V to 1000 V, 0.1A to 10 A	0.23 %
71	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6.5 Digit DMM by Direct / Comparison Method	1 V to 10 V	0.0039 % to 0.0035 %
72	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6.5 Digit DMM by Direct / Comparison Method	10 mV to 100 mV	0.051 % to 0.0091 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	95 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
73	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6.5 Digit DMM by Direct / Comparison Method	10 V to 100 V	0.0035 % to 0.0053 %
74	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6.5 Digit DMM by Direct / Comparison Method	100 mV to 1 V	0.0091 % to 0.0039 %
75	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6.5 Digit DMM by Direct / Comparison Method	100 V to 1000 V	0.0053 % to 0.0061 %
76	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	High Voltage	High voltage Probe with Digital multimeter	5 kV to 40 kV	4.620 % to 4.460 %
77	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	High Voltage	High voltage Probe with Digital multimeter	1 kV to 5 kV	4.827 % to 4.620 %
78	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	10 Mohm to 100 Mohm	0.049 % to 0.949 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	96 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
79	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	100 Mohm to 1 Gohm	0.949 % to 2.322 %
80	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	1 kohms to 10 kohms	0.012 % to 0.012 %
81	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	1 Mohm to 10 Mohm	0.013 % to 0.049 %
82	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	1 ohm to 10 ohm	0.36 % to 0.046 %
83	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	10 kohm to 100 kohm	0.012 % to 0.012 %
84	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	10 ohm to 100 ohm	0.046 % to 0.016 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	97 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
85	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	100 kohm to 1 Mohm	0.012 % to 0.013 %
86	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6.5 Digit DMM by Direct / Comparison Method	100 ohm to 1 kohm	0.016 % to 0.012 %
87	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi function Calibrator with Current Coil by Direct Method	20 A to 550 A	0.035 % to 0.4 %
88	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator by Direct Method	1 A to 2.99 A	0.053 % to 0.046 %
89	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator by Direct Method	2.99 A to 10 A	0.046 % to 0.077 %
90	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator by Direct Method	3.2 mA to 32 mA	0.017 % to 0.014 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	98 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator by Direct Method	32 mA to 320 mA	0.014 % to 0.012 %
92	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator by Direct Method	320 µA to 3.2 mA	0.024 % to 0.017 %
93	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator by Direct Method	320 mA to 1 A	0.012 % to 0.053 %
94	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi-Product Calibrator by Direct Method	3.3 V to 33 V	0.006 % to 0.006 %
95	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi-Product Calibrator by Direct Method	33 V to 330 V	0.006 % to 0.006 %
96	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi-Product Calibrator by Direct Method	330 mV to 3.3 V	0.008 % to 0.006 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 99 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
97	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi-Product Calibrator by Direct Method	330 V to 1000 V	0.006 % to 0.006 %
98	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	1 kohm to 3.2 kohm	0.014 % to 0.02 %
99	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	1 Mohm to 3.2 Mohm	0.023 % to 0.021 %
100	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	1 ohm to 10.9 ohm	1.17 % to 0.12 %
101	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	10.9 kohm to 32.9 kohm	0.01 % to 0.022 %
102	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	10.9 Mohm to 32.9 Mohm	0.07 % to 0.13 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 100 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	109.9 Mohm to 329.9 Mohm	0.69 % to 0.62 %
104	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	109.9 ohm to 329.9 ohm	0.02 % to 0.01 %
105	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	3.2 kohm to 10.9 kohm	0.02 % to 0.01 %
106	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	3.2 Mohm to 10.9 Mohm	0.021 % to 0.07 %
107	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	32.9 Mohm to 109.9 Mohm	0.13 % to 0.69 %
108	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	32.9 ohm to 109.9 ohm	0.06 % to 0.02 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 101 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
109	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	329.9 Kohm to 1 Mohm	0.018 % to 0.023 %
110	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	329.9 Mohm to 1100 Mohm	0.62 % to 1.78 %
111	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	329.9 ohm to 1 kohm	0.01 % to 0.01 4%
112	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	109.9 kohm to 329.9 kohm	0.015 % to 0.018 %
113	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	Resistance	Using Multi-Product Calibrator by Direct Method	32.9 kohm to 109.9 kohm	0.022 % to 0.015 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 102 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
114	ELECTRO-TECHNICAL-DIRECT CURRENT (Source,Measure)	Resistance	Using Multi-Product Calibrator by Direct Method	10.9 ohm to 32.9 ohm	0.12 % to 0.06 %
115	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope Calibration(Amplitude) AC 10Hz to 1kHz	Using Multi Product Calibrator by Direct Method	5 mV to 105 V	0.29 %
116	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope Calibration(Amplitude) DC	Using Multi Product Calibrator by Direct Method	-5 mV to -33 V	0.0029
117	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope Calibration(Amplitude) DC	Using Multi Product Calibrator by Direct Method	5 mV to 33 V	0.29 %
118	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope Calibration(Band Width)	Using Multi Product Calibrator by Direct Method	50 kHz to 300 MHz	0.021 % to 0.034 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 103 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
119	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Source)	Oscilloscope Calibration(Time Base)	Using Multi Product Calibrator by Direct Method	50 nS to 5S	0.028 % to 0.21 %
120	ELECTRO-TECHNICAL-RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	Frequency	Using Frequency Counter by Direct & Comparison Method	100 Hz to 10kHz	0.001 % to 0.001 %
121	ELECTRO-TECHNICAL-RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	Frequency	Using Counter Power Meter by Direct & Comparison Method	10kHz to 40 GHz	0.001 % to 0.023 ppm
122	ELECTRO-TECHNICAL-RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	Frequency	Using Frequency Counter & Digital Multimeter by Direct & Comparison Method	1 Hz to 100 Hz	0.016 % to 0.001 %
123	ELECTRO-TECHNICAL-RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	RF Power 10MHz to 10GHz	Using Counter Power Meter by Direct & Comparison Method	-40 dBm to -25 dBm	1.65 dBm to 1.31 dBm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	104 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
124	ELECTRO-TECHNICAL-RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	RF Power 10MHz to 10GHz	Using Counter Power Meter by Direct & Comparison Method	-25 dBm to 13 dBm	1.31 dBm to 1.00 dBm
125	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	B-Type	Using Multi Product Calibrator by Direct Method	1000 °C to 1550 °C	0.39 °C
126	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	B-Type	Using Multi Product Calibrator by Direct Method	1550 °C to 1800 °C	0.38 °C
127	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	B-Type	Using Multi Product Calibrator by Direct Method	600 °C to 800 °C	0.51 °C
128	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	B-Type	Using Multi Product Calibrator by Direct Method	800 °C to 1000 °C	0.51 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 105 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	E-Type	Using Multi Product Calibrator by Direct Method	-100 °C to -25 °C	0.19 °C
130	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	E-Type	Using Multi Product Calibrator by Direct Method	-25°C to 350°C	0.17 °C
131	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	E-Type	Using Multi Product Calibrator by Direct Method	-250 °C to -100 °C	0.58 °C
132	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	E-Type	Using Multi Product Calibrator by Direct Method	350 °C to 650 °C	0.17 °C
133	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	E-Type	Using Multi Product Calibrator by Direct Method	650 °C to 1000 °C	0.19 °C
134	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	J-Type	Using Multi Product Calibrator by Direct Method	-100 °C to -30 °C	0.19 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 106 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
135	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	J-Type	Using Multi Product Calibrator by Direct Method	150 °C to 760 °C	0.17 °C
136	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	J-Type	Using Multi Product Calibrator by Direct Method	-210 °C to -100 °C	0.31 °C
137	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	J-Type	Using Multi Product Calibrator by Direct Method	-30 °C to 150 °C	0.17 °C
138	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	J-Type	Using Multi Product Calibrator by Direct Method	760 °C to 1000 °C	0.20 °C
139	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	K-Type	Using Multi Product Calibrator by Direct Method	-100 °C to -25 °C	0.19 °C
140	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	K-Type	Using Multi Product Calibrator by Direct Method	-200 °C to -100 °C	0.21 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 107 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	K-Type	Using Multi Product Calibrator by Direct Method	-25 °C to 120 °C	0.19 °C
142	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	K-Type	Using Multi Product Calibrator by Direct Method	1000 °C to 1372 °C	0.30 °C
143	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	K-Type	Using Multi Product Calibrator by Direct Method	120 °C to 1000 °C	0.19 °C
144	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	N-Type	Using Multi Product Calibrator by Direct Method	-100 °C to -25 °C	0.26 °C
145	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	N-Type	Using Multi Product Calibrator by Direct Method	120 °C to 410 °C	0.21 °C
146	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	N-Type	Using Multi Product Calibrator by Direct Method	-25 °C to 120 °C	0.22 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 108 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
147	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	N-Type	Using Multi Product Calibrator by Direct Method	410 °C to 1300 °C	0.21 °C
148	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	N-Type	Using Multi Product Calibrator by Direct Method	-200 °C to -100 °C	0.46 °C
149	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	R-Type	Using Multi Product Calibrator by Direct Method	0 °C to 250 °C	0.66 °C
150	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	R-Type	Using Multi Product Calibrator by Direct Method	1000 °C to 1767 °C	0.38 °C
151	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	R-Type	Using Multi Product Calibrator by Direct Method	250 °C to 400 °C	0.40 °C
152	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	R-Type	Using Multi Product Calibrator by Direct Method	400 °C to 1000 °C	0.38 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 109 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
153	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using 6.5 Digit DMM by Direct / Comparison Method	0 °C to 100 °C	0.11 °C
154	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using 6.5 Digit DMM by Direct / Comparison Method	-100 °C to 0 °C	0.11 °C
155	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using 6.5 Digit DMM by Direct / Comparison Method	100 °C to 300 °C	0.12 °C
156	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using 6.5 Digit DMM by Direct / Comparison Method	-200 °C to -100 °C	0.12 °C
157	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using 6.5 Digit DMM by Direct / Comparison Method	300 °C to 600 °C	0.16 °C
158	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using 6.5 Digit DMM by Direct / Comparison Method	600 °C to 800 °C	0.26 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 110 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
159	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	S-Type	Using Multi Product Calibrator by Direct Method	0 °C to 250 °C	0.54 °C
160	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	S-Type	Using Multi Product Calibrator by Direct Method	1000 °C to 1400 °C	0.42 °C
161	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	S-Type	Using Multi Product Calibrator by Direct Method	1400 °C to 1767 °C	0.43 °C
162	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	S-Type	Using Multi Product Calibrator by Direct Method	250 °C to 1000 °C	0.42 °C
163	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	T-Type	Using Multi Product Calibrator by Direct Method	0°C to 120°C	0.19 °C
164	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	T-Type	Using Multi Product Calibrator by Direct Method	120°C to 400°C	0.17 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 111 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
165	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	T-Type	Using Multi Product Calibrator by Direct Method	-150 °C to 0 °C	0.28 °C
166	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	T-Type	Using Multi Product Calibrator by Direct Method	-250 °C to -150 °C	0.73 °C
167	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	B-Type	Using Multi Product Calibrator by Direct Method	1550 °C to 1820 °C	0.38 °C
168	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	B-Type	Using Multi Product Calibrator by Direct Method	600 °C to 800 °C	0.51 °C
169	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	B-Type	Using Multi Product Calibrator by Direct Method	800 °C to 1000 °C	0.51 °C
170	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	E-Type	Using Multi Product Calibrator by Direct Method	-100 °C to -25 °C	0.19 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 112 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
171	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	E-Type	Using Multi Product Calibrator by Direct Method	-25°C to 350°C	0.17 °C
172	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	E-Type	Using Multi Product Calibrator by Direct Method	-250 °C to -100 °C	0.58 °C
173	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	E-Type	Using Multi Product Calibrator by Direct Method	350 °C to 650 °C	0.17 °C
174	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	E-Type	Using Multi Product Calibrator by Direct Method	650 °C to 1000 °C	0.19 °C
175	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	J-Type	Using Multi Product Calibrator by Direct Method	-100 °C to -30 °C	0.19 °C
176	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	J-Type	Using Multi Product Calibrator by Direct Method	150 °C to 760 °C	0.17 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 113 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
177	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	J-Type	Using Multi Product Calibrator by Direct Method	-210 °C to -100 °C	0.31 °C
178	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	J-Type	Using Multi Product Calibrator by Direct Method	-30 °C to 150 °C	0.17 °C
179	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	J-Type	Using Multi Product Calibrator by Direct Method	760 °C to 1200 °C	0.20 °C
180	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	K-Type	Using Multi Product Calibrator by Direct Method	-100 °C to -25 °C	0.21 °C
181	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	K-Type	Using Multi Product Calibrator by Direct Method	1000 °C to 1372 °C	0.30 °C
182	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	K-Type	Using Multi Product Calibrator by Direct Method	120 °C to 1000 °C	0.19 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 114 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
183	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	K-Type	Using Multi Product Calibrator by Direct Method	-200 °C to -100 °C	0.38 °C
184	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	K-Type	Using Multi Product Calibrator by Direct Method	-25 °C to 120 °C	0.19 °C
185	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	N-Type	Using Multi Product Calibrator by Direct Method	120 °C to 410 °C	0.21 °C
186	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	N-Type	Using Multi Product Calibrator by Direct Method	410 °C to 1300 °C	0.21 °C
187	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	N-Type	Using Multi Product Calibrator by Direct Method	-100 °C to -25 °C	0.26 °C
188	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	N-Type	Using Multi Product Calibrator by Direct Method	-200 °C to -100 °C	0.46 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 115 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
189	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	N-Type	Using Multi Product Calibrator by Direct Method	-25 °C to 120 °C	0.22 °C
190	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	R-Type	Using Multi Product Calibrator by Direct Method	0 °C to 250 °C	0.66 °C
191	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	R-Type	Using Multi Product Calibrator by Direct Method	1000 °C to 1767 °C	0.38 °C
192	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	R-Type	Using Multi Product Calibrator by Direct Method	250 °C to 400 °C	0.40 °C
193	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	R-Type	Using Multi Product Calibrator by Direct Method	400 °C to 1000 °C	0.38 °C
194	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (385)	Using Multi-Product Calibrator by Direct Method	0 °C to 100 °C	0.058 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 116 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
195	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (385)	Using Multi-Product Calibrator by Direct Method	100 °C to 300 °C	0.08 °C
196	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (385)	Using Multi-Product Calibrator by Direct Method	-200 °C to -80 °C	0.058 °C
197	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (385)	Using Multi-Product Calibrator by Direct Method	300 °C to 400 °C	0.10 °C
198	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (385)	Using Multi-Product Calibrator by Direct Method	400 °C to 630 °C	0.11 °C
199	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (385)	Using Multi-Product Calibrator by Direct Method	630 °C to 800 °C	0.15 °C
200	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (385)	Using Multi-Product Calibrator by Direct Method	-80 °C to 0 °C	0.058 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 117 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
201	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	0 °C to 100 °C	0.058 °C
202	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	-200 °C to -190 °C	0.28 °C
203	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	260 °C to 300 °C	0.08 °C
204	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	300 °C to 400 °C	0.09 °C
205	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	400 °C to 600 °C	0.10 °C
206	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	600 °C to 630 °C	0.13 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 118 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
207	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	100 °C to 260 °C	0.07 °C
208	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	-190 °C to -80 °C	0.04 °C
209	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3916)	Using Multi-Product Calibrator by Direct Method	-80 °C to 0 °C	0.04 °C
210	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3926)	Using Multi-Product Calibrator by Direct Method	0 °C to 100 °C	0.058 °C
211	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3926)	Using Multi-Product Calibrator by Direct Method	300 °C to 400 °C	0.10 °C
212	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3926)	Using Multi-Product Calibrator by Direct Method	-80 °C to 0 °C	0.058 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 119 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
213	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3926)	Using Multi-Product Calibrator by Direct Method	100 °C to 300 °C	0.08 °C
214	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3926)	Using Multi-Product Calibrator by Direct Method	-200 °C to -80 °C	0.058 °C
215	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 100 (3926)	Using Multi-Product Calibrator by Direct Method	400 °C to 630 °C	0.11 °C
216	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 1000 (385)	Using Multi-Product Calibrator by Direct Method	0 °C to 100 °C	0.036 °C
217	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 1000 (385)	Using Multi-Product Calibrator by Direct Method	-200 °C to -80 °C	0.035 °C
218	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 1000 (385)	Using Multi-Product Calibrator by Direct Method	260 °C to 300 °C	0.058 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 120 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
219	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 1000 (385)	Using Multi-Product Calibrator by Direct Method	300 °C to 400 °C	0.070 °C
220	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 1000 (385)	Using Multi-Product Calibrator by Direct Method	-80 °C to 0 °C	0.035 °C
221	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 1000 (385)	Using Multi-Product Calibrator by Direct Method	100 °C to 260 °C	0.047 °C
222	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 1000 (385)	Using Multi-Product Calibrator by Direct Method	400 °C to 600 °C	0.081 °C
223	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 1000 (385)	Using Multi-Product Calibrator by Direct Method	600 °C to 630 °C	0.100 °C
224	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 200 (385)	Using Multi-Product Calibrator by Direct Method	0 °C to 100 °C	0.04 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 121 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
225	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 200 (385)	Using Multi-Product Calibrator by Direct Method	100 °C to 260 °C	0.04 °C
226	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 200 (385)	Using Multi-Product Calibrator by Direct Method	260 °C to 300 °C	0.05 °C
227	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 200 (385)	Using Multi-Product Calibrator by Direct Method	400 °C to 600 °C	0.15 °C
228	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 200 (385)	Using Multi-Product Calibrator by Direct Method	600 °C to 630 °C	0.17 °C
229	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 200 (385)	Using Multi-Product Calibrator by Direct Method	-200 °C to -80 °C	0.04 °C
230	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 200 (385)	Using Multi-Product Calibrator by Direct Method	300 °C to 400 °C	0.13 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 122 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
231	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 200 (385)	Using Multi-Product Calibrator by Direct Method	-80 °C to 0 °C	0.04 °C
232	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 500 (385)	Using Multi-Product Calibrator by Direct Method	0 °C to 100 °C	0.05 °C
233	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 500 (385)	Using Multi-Product Calibrator by Direct Method	100 °C to 260 °C	0.05 °C
234	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 500 (385)	Using Multi-Product Calibrator by Direct Method	300 °C to 400 °C	0.09 °C
235	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 500 (385)	Using Multi-Product Calibrator by Direct Method	600 °C to 630 °C	0.11 °C
236	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 500 (385)	Using Multi-Product Calibrator by Direct Method	-80 °C to 0 °C	0.04 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 123 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
237	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 500 (385)	Using Multi-Product Calibrator by Direct Method	-200 °C to -80 °C	0.04 °C
238	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 500 (385)	Using Multi-Product Calibrator by Direct Method	260 °C to 300 °C	0.07 °C
239	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD -PT 500 (385)	Using Multi-Product Calibrator by Direct Method	400 °C to 600 °C	0.09 °C
240	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	S-Type	Using Multi Product Calibrator by Direct Method	0 °C to 250 °C	0.54 °C
241	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	S-Type	Using Multi Product Calibrator by Direct Method	1000 °C to 1400 °C	0.42 °C
242	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	S-Type	Using Multi Product Calibrator by Direct Method	1400 °C to 1767 °C	0.43 °C

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 124 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
243	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	S-Type	Using Multi Product Calibrator by Direct Method	250 °C to 1000 °C	0.42 °C
244	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	T-Type	Using Multi Product Calibrator by Direct Method	120°C to 400°C	0.17 °C
245	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	T-Type	Using Multi Product Calibrator by Direct Method	-250 °C to -150 °C	0.73 °C
246	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	T-Type	Using Multi Product Calibrator by Direct Method	0°C to 120°C	0.19 °C
247	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	T-Type	Using Multi Product Calibrator by Direct Method	-150 °C to 0 °C	0.28 °C
248	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6.5 Digit DMM by Direct / Comparison Method	1 Hz to 5 Hz	0.22 % to 0.16 %

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 125 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
249	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6.5 Digit DMM by Direct / Comparison Method	10 Hz to 40 Hz	0.08 %
250	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6.5 Digit DMM by Direct / Comparison Method	300 KHz to 1000 KHz	0.02 % to 0.01 %
251	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6.5 Digit DMM by Direct / Comparison Method	5 Hz to 10 Hz	0.16 % to 0.08 %
252	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time Interval	Using Digital Timer by Comparison Method	0.1 s to 1 s	0.0083 s to 0.0093 s
253	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time Interval	Using Digital Timer by Comparison Method	1 s to 10 s	0.0093 s to 0.044 s
254	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time Interval	Using Digital Timer by Comparison Method	10 s to 100 s	0.044 s to 0.090 s

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 126 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
255	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time Interval	Using Digital Timer by Comparison Method	100 s to 1000 s	0.090 s to 0.3 s
256	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time Interval	Using Digital Timer by Comparison Method	1000 s to 10000 s	0.3 s to 0.5 s
257	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time Interval	Using Digital Timer by Comparison Method	10000 s to 86400 s	0.5 s
258	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multi-Product Calibrator by Direct Method	11.999 kHz to 119.9 kHz	0.006 % to 0.003 %
259	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multi-Product Calibrator by Direct Method	119.9 kHz to 1199.9 kHz	0.003 % to 0.004 %
260	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multi-Product Calibrator by Direct Method	119.99 Hz to 1199.9 Hz	0.004 % to 0.003 %

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	127 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
261	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multi-Product Calibrator by Direct Method	1199.9 Hz to 11.999 kHz	0.003 % to 0.006 %
262	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multi-Product Calibrator by Direct Method	1199.9 kHz to 2 MHz	0.004 % to 0.003 %
263	FLUID FLOW-FLOW MEASURING DEVICES	Volumetric Flow Meters such as digital and rotameters. (Medium- Air)	Using Orifice flow Calibrator by Comparison Method	>100 LPM to 300 LPM	1.80 %
264	FLUID FLOW-FLOW MEASURING DEVICES	Volumetric Flow Meters such as digital and rotameters. (Medium- Air)	Using Gas flow Calibrator by Comparison Method	1 LPM to 100 LPM	1.08 %
265	MECHANICAL-ACCELERATION AND SPEED	Tachometers (Non-Contact Type)	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01(Tachometer Calibrator as source)	10000 rpm to 20000 rpm	13 rpm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	128 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
266	MECHANICAL-ACCELERATION AND SPEED	RPM / Speed (Contact Type) Speed Meters, RPM Meters, RPM Indicators of Centrifuges, RPM Source/Calibrators	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	1000 rpm to 4000 rpm	2.5 rpm
267	MECHANICAL-ACCELERATION AND SPEED	RPM / Speed (Contact Type)Speed Meters, RPM Meters, RPM Indicators of Centrifuges, RPM Source/Calibrators	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	100 rpm to 1000 rpm	1.2 rpm
268	MECHANICAL-ACCELERATION AND SPEED	RPM / Speed (Contact Type)Speed Meters, RPM Meters, RPM Indicators of Centrifuges, RPM Source/Calibrators	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	4000 rpm to 8000 rpm	7.1 rpm
269	MECHANICAL-ACCELERATION AND SPEED	RPM / Speed (Non-Contact Type) Speed Meters, RPM Meters, RPM Indicators of Centrifuges, RPM Source/Calibrators	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	100 rpm to 1000 rpm	1.2 rpm
270	MECHANICAL-ACCELERATION AND SPEED	RPM / Speed (Non-Contact Type) Speed Meters, RPM Meters, RPM Indicators of Centrifuges, RPM Source/Calibrators	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	1000 rpm to 10000 rpm	9.6 rpm

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 129 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
271	MECHANICAL-ACCELERATION AND SPEED	RPM / Speed (Non-Contact Type) Speed Meters, RPM Meters, RPM Indicators of Centrifuges, RPM Source/Calibrators	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	10000 rpm to 20000 rpm	13 rpm
272	MECHANICAL-ACCELERATION AND SPEED	RPM / Speed (Non-Contact Type) Speed Meters, RPM Meters, RPM Indicators of Centrifuges, RPM Source/Calibrators	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	20000 rpm to 50000 rpm	30.3 rpm
273	MECHANICAL-ACCELERATION AND SPEED	RPM / Speed (Non-Contact Type) Speed Meters, RPM Meters, RPM Indicators of Centrifuges, RPM Source/Calibrators	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	50000 rpm to 90000 rpm	53.7 rpm
274	MECHANICAL-ACCELERATION AND SPEED	Tachometers (Non-Contact Type)	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01(Tachometer Calibrator as source)	20000 rpm to 50000 rpm	30.3 rpm
275	MECHANICAL-ACCELERATION AND SPEED	Tachometers (Contact Type)	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01(Tachometer Calibrator as source):	100 rpm to 1000 rpm	1.2 rpm

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 130 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
276	MECHANICAL-ACCELERATION AND SPEED	Tachometers (Contact Type)	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01(Tachometer Calibrator as source)	1000 rpm to 4000 rpm	2.5 rpm
277	MECHANICAL-ACCELERATION AND SPEED	Tachometers (Contact Type)	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01(Tachometer Calibrator as source):	4000 rpm to 8000 rpm	7.1 rpm
278	MECHANICAL-ACCELERATION AND SPEED	Tachometers (Non-Contact Type)	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01 (Tachometer Calibrator as source):	1000 rpm to 10000 rpm	9.6 rpm
279	MECHANICAL-ACCELERATION AND SPEED	Tachometers(Non-Contact Type)	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01	50000 rpm to 90000 rpm	53.7 rpm
280	MECHANICAL-ACCELERATION AND SPEED	Tachometers, (Non-Contact Type)	Using Digital Tachometer by Comparison Method as per SANAS TR 45-01(Tachometer Calibrator as source)	100 rpm to 1000 rpm	1.2 rpm

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 131 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
281	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge - Vernier / Dial / Digital (L.C.: 0.01 mm & coarser)	Using Gauge Block Set & Long Slip Gauges by Comparison Method	0 to 600 mm	9.25 µm
282	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Surface Plate (Granite / Cast Iron)	Using Spirit Level by Comparison Method	1000 mm X 1000 mm	1.4 x sqrt(L+B)/150 µm,Where L & B in mm
283	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Dial Calibration Tester (L.C.: 0.0001 mm & Coarser)	Using Slip Gauge block Set (Gr 0) by Comparison Method	0 to 25 mm	1.2 µm
284	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector - Angular (L.C.: 1 sec)	Using Angle gauge by Comparison Method	Upto 360 °	3.9 min of arc
285	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector - Magnification	Using Digital Caliper by Comparison Method	10 X to 100 X	0.64 %
286	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector/ Video Measuring System/ Microscope - Linear (L.C.: 0.0001 mm)	Using Slip Gauges & Long Slip Gauges by Comparison Method	Up to 300 mm	5 µm

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	132 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
287	MECHANICAL-PRESSURE INDICATING DEVICES	Absolute Pressure Analog / Digital,Pressure Gauges,Pressure Transmitter with / without Indicator, Pressure Switches, Pressure Calibrators,Manometer,Barometer	Using Digital Pressure Indicator, Digital Multimeter by Comparison Method as per DKD R-6-1	750 mbar to 1150 mbar	3 mbar
288	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure,Pressure Gauges,Magnehelic/ photohelic gauge,Pressure Indicators /Controllers /Transmitters /Switches,Manometer	Using Digital Manometer (DPG),Digital Multimeter, Vacuum pump by Comparison Method as per DKD R-6-1	-100 mbar to 100 mbar	0.058 mbar
289	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure,Pressure Gauges,Pressure Indicators /Controllers /Transmitters with /without Indicator /Pressure Switches,pressure Calibrator,Manometer	Using Digital Pressure Calibrator, Digital Multimeter by Comparison Method as per DKD R-6-1	0 to 2 bar	0.07 % of rdg

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 133 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
290	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure,Pressure Gauges,Pressure Indicators /Controllers /Transmitters with /without Indicator /Pressure Switches,pressure Calibrator,Manometer	Using Digital Pressure Calibrator, Digital Multimeter by Comparison Method as per DKD R-6-1	2 bar to 40 bar	0.05 % of rdg
291	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure (Hydraulic)Analog/Digital Pressure Gauges,Pressure Transmitters with /without Indicator /Pressure Switches,pressure Calibrator	Using Digital Pressure Calibrator and hand pump comparator, Digital Multimeter by Comparison Method as per DKD R-6-1	0 to 1000 bar	0.11 % of rdg
292	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure (Hydraulic)Analog/Digital Pressure Gauges,Pressure Transmitters with /without Indicator /Pressure Switches,pressure Calibrator	Using Digital Pressure Calibrator, Digital Multimeter and hand pump comparator by Comparison Method as per DKD R-6-1	0 to 700 bar	0.2 bar

SCOPE OF ACCREDITATION

Laboratory Name : CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3434 **Page No** 134 of 139

Validity 25/07/2022 to 24/07/2024 **Last Amended on** 02/02/2024

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)(±)
293	MECHANICAL-PRESSURE INDICATING DEVICES	Vacuum Analog /Digital, Vacuum Gauges, Vacuum Transmitter with /without Indicator,Vacuum Switches,Vacuum Calibrators,Manometer	Using Digital Manometer (DPG),Digital Multimeter by Comparison Method as per DKD R-6-1	0 to 100 mbar	0.058 % of rdg
294	MECHANICAL-PRESSURE INDICATING DEVICES	Vacuum Analog /Digital, Vacuum Gauges, Vacuum Transmitter with /without Indicator,Vacuum Switches,Vacuum Calibrators,Manometer	Using Digital Manometer (DPG), Digital Multimeter by Comparison Method as per DKD R-6-1	0 to 900 mbar	0.39 % of rdg
295	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Analog Weighing Balance, class I, Readability : 0.1 mg	Using E2 Class Standard Weights as per OIML R76-1	upto 200 g	0.16 mg
296	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Analog Weighing Balance, class II, Readability : 100 mg	Using F1 Class Standard Weights as per OIML R76-1	upto 20 kg	59.2 mg
297	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Analog Weighing Balance, Class III, Readability : 20 g	Using F1 & M1 Class Standard Weights as per OIML R76-1	upto 300 kg	13.2 g

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	135 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
298	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity by Spatial Mapping : Environmental Chamber and Humidity enclosures (Multi-Position) minimum 9 sensors	Using Temperature Humidity Datalogger By Comparison Method	30%rh to 95%rh @25°C, 50°C	1.8 %rh
299	THERMAL-TEMPERATURE	Liquid in Glass Thermometer	Using SSPRT Sensor with Digital Multimeter by Comparison Method, -80 Ultra low liquid bath, oil bath 250 degree as source	0 °C to 200 °C	0.10 °C
300	THERMAL-TEMPERATURE	Liquid in Glass Thermometer	Using SSPRT Sensor with Digital Multimeter by Comparison Method, 250 oil bath as source	200°C to 250°C	0.41 °C
301	THERMAL-TEMPERATURE	Temperature (RTD/TC with/without Indicator,Thermistor, Temperature Recorder,Temperature Datalogger,Temperature Gauge,Temperature Switch,Temperature	Using SSPRT Sensor with Digital Multimeter by Comparison Method(Dry bath Calibrator as Source)	250°C to 650°C	0.13 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	136 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
302	THERMAL-TEMPERATURE	Temperature (RTD/TC with/without Indicator,Thermistor, Temperature Recorder,Temperature Datalogger,Temperature Gauge,Temperature Switch,Temperature Transmitters	Using SSPRT Sensor with Digital Multimeter by Comparison Method(Dry block Calibrator as source)	400°C to 650°C	0.42 °C
303	THERMAL-TEMPERATURE	Temperature (RTD/TC with/without Indicator/recorder,Thermistor,Temperature Datalogger with sensor,Temperature Gauge,Temperature Switch	Using SSPRT Sensor with Digital Multimeter by Comparison Method(-80 ultra low liquid bath , Oil bath as source)	30°C to 250 °C	0.08 °C
304	THERMAL-TEMPERATURE	Temperature (TC with/without Indicator,Thermistor, Temperature Recorder,Temperature Datalogger with sensor,,Temperature Switch,Temperature Transmitter	Using R-Type Thermocouple with Digital Multimeter by Comparison Method(Dry bath calibrator as source)	650 °C to 1000 °C	1.96 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	137 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
305	THERMAL-TEMPERATURE	Temperature (TC with/without Indicator,Thermistor, Temperature Recorder,Temperature Datalogger,Temperature Gauge,Temperature Switch,Temperature Transmitter,Glass	Using R-Type Thermocouple with Digital Multimeter by Comparison Method(Dry bath calibrator as source)	1000 °C to 1200 °C	2.96 °C
306	THERMAL-TEMPERATURE	Temperature by Spatial Mapping: Ovens,Incubator,autoclave (for Non-MedicalApplications), Bath,Environmental Chamber, and Temperature enclosures (Multi-position)	Using Data Logger with RTD Sensor by Comparison Method	50°C to 250°C	1.8 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	138 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
307	THERMAL-TEMPERATURE	Temperature by Spatial Mapping:Freezer, Ovens,Incubator,autoclave (for Non-MedicalApplications), Bath,Environmental Chamber, Cold Room and Temperature enclosures (Multi-position)	Using Data Logger with RTD Sensor by Comparison Method	- 20°C to 400°C	0.79 °C
308	THERMAL-TEMPERATURE	Temperature Indicator / Controller/ Recorder with Sensor of Freezer,Oven, Incubator(Non medical)Furnace, Bath,Environmental Chamber, ColdRoom, autoclave(Single Position Calibration)	Using Data Logger with RTD Sensor by Comparison Method	-20°C to 400°C	0.44 °C
309	THERMAL-TEMPERATURE	Temperature Indicator of Bath, Dry Block Calibrator	Using R-Type Thermocouple with Digital Multimeter by Comparison Method	1000 °C to 1200 °C	2.96 °C

SCOPE OF ACCREDITATION

Laboratory Name :	CREST INSTRUMENTS, NO 24, 2ND STREET, SRI VENKATESWARA NAGAR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3434	**Page No**	139 of 139
Validity	25/07/2022 to 24/07/2024	**Last Amended on**	02/02/2024

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)(±)
310	THERMAL-TEMPERATURE	Temperature Indicator of Bath, Dry Block Calibrator	Using SSPRT Sensor with Digital Multimeter by Comparison Method	-80 °C to 0 °C	0.17 °C
311	THERMAL-TEMPERATURE	Temperature Indicator of Bath, Dry Block Calibrator	Using SSPRT Sensor with Digital Multimeter by Comparison Method	0 °C to 200 °C	0.08 °C
312	THERMAL-TEMPERATURE	Temperature Indicator of Bath, Dry Block Calibrator	Using SSPRT Sensor with Digital Multimeter by Comparison Method	200°C to 400°C	0.13 °C
313	THERMAL-TEMPERATURE	Temperature Indicator of Bath, Dry Block Calibrator	Using SSPRT Sensor with Digital Multimeter by Comparison Method	400°C to 650°C	0.42 °C
314	THERMAL-TEMPERATURE	Temperature Indicator of Bath, Dry Block Calibrator	Using R-Type Thermocouple with Digital Multimeter by Comparison Method	650 °C to 1000 °C	1.96 °C

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