



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

Laboratory Name CALYSS CALIBRATION & TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA,  
GAUTAM BUDDHA NAGAR, UTTAR PRADESH , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 Page No. : 1 / 38

Validity 09/01/2020 to 08/01/2022 Last Amended on -

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)(±)
<b>Permanent Facility</b>					
1	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Measure)	AC Current@50 Hz to 1 KHz	Using Fluke 8846A 61/2 DMM By Direct Method	>100 mA to 10 A	0.39% to 0.26%
2	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Measure)	AC Current@50 Hz to 1 KHz	Using Fluke 8846A 61/2 DMM By Direct Method	100 µA to 100 mA	1.20% to 0.39%
3	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Measure)	AC Voltage @ 50 Hz to 1 kHz	Using Fluke 8846A DMM By Direct Method	>10 V to 1000 V	0.11% to 0.59%
4	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Measure)	AC Voltage @ 50 Hz to 1 kHz	Using Fluke 8846A DMM By Direct Method	1 mV to 10 V	4.72% to 0.11%
5	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Source)	AC Current@50 Hz to 1 kHz	Using Fluke 5502A Multi-Product Calibrator By Direct Method	>1 A to 20 A	0.072% to 0.33%



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6	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Source)	AC Current@50 Hz to 1 kHz	Using Fluke 5502A Multi-Product Calibrator & 50 Turn Current Coil By Direct Method	>20 A to 1000 A	0.32% to 0.76%
7	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Source)	AC Current@50 Hz to 1 kHz	Using Fluke 5502A Multi-Product Calibrator By Direct Method	30 µA to 1 A	0.57% to 0.069%
8	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Source)	AC Voltage @50 Hz to 1 kHz	Using Fluke 5502 A Multi-Product Calibrator By Direct Method	1 mV to 300 mV	2.5% to 0.1%
9	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Source)	AC Voltage@50 Hz to 1 kHz	Using Fluke 5502 A Multi-Product Calibrator By Direct Method	>10 V to 1000 V	0.05% to 0.061%
10	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Source)	AC Voltage@50 Hz to 1 kHz	Using Fluke 5502 A Multi-Product Calibrator By Direct Method	>300 mV to 10 V	0.1% to 0.05%
11	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Current	Using Fluke 8846A 61/2 DMM By Direct Method	1 µA to 10 µA	3.02% to 0.36%



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12	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Current	Using Fluke 8846A 61/2 DMM By Direct Method	10 µA to 3 A	0.35% to 0.141%
13	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Current	Using Fluke 8846A 61/2 DMM By Direct Method	3 A to 10 A	0.141% to 1.8%
14	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Voltage	Using Fluke 8846A DMM By Direct Method	>10 V to 1000 V	0.008% to 0.006%
15	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Voltage	Using Fluke 8846A DMM By Direct Method	1 mV to 10 V	0.41% to 0.008%
16	ELECTRO-TECHNICAL- DIRECT CURRENT (Source)	DC Current	Using Fluke 5502 A Multi-Product Calibrator By Direct Method	>1 A to 20 A	0.08% to 0.39%
17	ELECTRO-TECHNICAL- DIRECT CURRENT (Source)	DC Current	Using Fluke 5502 A Multi-Product Calibrator With 50 Turn Current Coil By Direct Method	>20 A to 1000 A	0.09% to 0.65%
18	ELECTRO-TECHNICAL- DIRECT CURRENT (Source)	DC Current	Using Fluke 5502 A Multi-Product Calibrator By Direct Method	1 µA to 10 µA	2.4% to 0.25%
19	ELECTRO-TECHNICAL- DIRECT CURRENT (Source)	DC Current	Using Fluke 5502 A Multi-Product Calibrator By Direct Method	10 µA to 1 A	0.25% to 0.08%



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20	ELECTRO-TECHNICAL- DIRECT CURRENT (Source)	DC Voltage	Using Fluke 5502A Multi-Product Calibrator By Direct Method	>300 mV to 1000 V	0.01% to 0.007%
21	ELECTRO-TECHNICAL- DIRECT CURRENT (Source)	DC Voltage	Using Fluke 5502A Multi-Product Calibrator By Direct Method	1 mV to 300 mV	0.36% to 0.01%
22	ELECTRO-TECHNICAL- MISCELLANEOUS (Measure)	Capacitance	Using Fluke 8846A 61/2 DMM By Direct Method	1 nF to 100 mF	5.4%% to 5%
23	ELECTRO-TECHNICAL- MISCELLANEOUS (Measure)	Resistance (2 wire)	Using Fluke 8846A 61/2 DMM By Direct Method	>10 Mohm to 1 Gohm	0.048% to 2.96%
24	ELECTRO-TECHNICAL- MISCELLANEOUS (Measure)	Resistance (2 wire)	Using Fluke 8846A 61/2 DMM By Direct Method	>100 ohm to 10 Mohm	0.016% to 0.048%
25	ELECTRO-TECHNICAL- MISCELLANEOUS (Measure)	Resistance 2 wire	Using Fluke 8846A 61/2 DMM By Direct Method	1 ohm to 100 ohm	0.37% to 0.016%
26	ELECTRO-TECHNICAL- MISCELLANEOUS (Measure)	Time Interval / Stop Watch(Digital/ Analog)	Using Digital Timer By Comparison Method	1 s to 86400 s	5.8% to 2.4%



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27	ELECTRO-TECHNICAL-MISCELLANEOUS (Source)	AC Power (50 Hz @ 0.5 Lead/Lag)(10 V to 600 V)(0.5 A to 20 A)	Using Fluke 5502A Multi-Product Calibrator & 50 Turn Current Coil By Direct Method	2.5 W to 6 kW	0.8% to 2.2%
28	ELECTRO-TECHNICAL-MISCELLANEOUS (Source)	AC Power (50 Hz @ UPF)(10 V to 600 V)(0.1 A to 20 A)	Using Fluke 5502A Multi-Product Calibrator & 50 Turn Current Coil By Direct Method	1 W to 12 kW	1.3% to 1.1%
29	ELECTRO-TECHNICAL-MISCELLANEOUS (Source)	Capacitance	Using Fluke 5502A Multi-Product Calibrator By Direct Method	1 nF to 100 mF	2.47% to 1.4%
30	ELECTRO-TECHNICAL-MISCELLANEOUS (Source)	Power Factor (Lag/Lead)	Using Fluke 5502A Multi-Product Calibrator By Direct Method	0.2 PF to 1.0 PF	0.012PF to 0.0007PF
31	ELECTRO-TECHNICAL-MISCELLANEOUS (Source)	Resistance (2 wire)	Using Fluke 5502A Multi-Product Calibrator By Direct Method	1 kohm to 10 Mohm	0.013% to 0.08%
32	ELECTRO-TECHNICAL-MISCELLANEOUS (Source)	Resistance (2 wire)	Using Fluke 5502A Multi-Product Calibrator By Direct Method	1 ohm to 1 kohm	1.17% to 0.013%
33	ELECTRO-TECHNICAL-MISCELLANEOUS (Source)	Resistance (2 wire)	Using Fluke 5502A Multi-Product Calibrator By Direct Method	10 Mohm to 1100 Mohm	0.08% to 1.8%



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34	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation (Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter)PT 100 ohm	Using Fluke 8846A 61/2 DMM & Precision Temperature Scanner 1586A / Simulation Method	- 200 °C to 800 °C	0.26°C to
35	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation(Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter)Thermocouple J-Type	Using Fluke 5502A by Direct / Simulation Method	-210 °C to 1200 °C	0.47°C to
36	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation(Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter)Thermocouple K-Type	Using Fluke 5502A by Direct / Simulation Method	-200 °C to 1372 °C	0.47°C to



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37	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation(Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter)Thermocouple N-Type	Using Fluke 5502A by Direct / Simulation Method	-200 °C to 1300 °C	0.49°C
38	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation(Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter)Thermocouple R-Type	Using Fluke 5502A by Direct / Simulation Method	0 °C to 1767 °C	0.9°C
39	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation(Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter)Thermocouple S-Type	Using Fluke 5502A by Direct / Simulation Method	0 °C to 1767 °C	0.86°C



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40	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation(Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter)Thermocouple T-Type	Using Fluke 5502A by Direct / Simulation Method	-250 °C to 400 °C	0.42°C
41	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	J-Type Thermocouple	Using Fluke 5502A by Direct / Simulation Method	-210 °C to 1200 °C	0.47°C
42	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	K-Type Thermocouple	Using Fluke 5502A by Direct / Simulation Method	-200 °C to 1372 °C	0.47°C
43	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	N-Type Thermocouple	Using Fluke 5502A by Direct / Simulation Method	-200 °C to 1300 °C	0.47°C
44	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	R-Type Thermocouple	Using Fluke 5502A by Direct / Simulation Method	0 °C to 1767 °C	0.73°C to
45	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	S-Type Thermocouple	Using Fluke 5502A by Direct / Simulation Method	0 °C to 1767 °C	0.55°C to





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46	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature calibration(RTD)PT 100 ohm	Using Fluke 5502 A By Direct /Simulation Method	- 200 °C to 800 °C	0.27°C
47	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	T-Type Thermocouple	Using Fluke 5502A by Direct / Simulation Method	-250 °C to 400 °C	0.8°C
48	ELECTRO-TECHNICAL- TIME & FREQUENCY (Measure)	Frequency	Using Fluke 8846A 61/2 DMM By Direct Method	10 Hz to 1 MHz	0.09% to 0.02%
49	ELECTRO-TECHNICAL- TIME & FREQUENCY (Source)	Frequency @ 3V	Using Fluke 5502A Multi-Product Calibrator By Direct Method	10 Hz to 50 Hz	0.16% to 0.01%
50	ELECTRO-TECHNICAL- TIME & FREQUENCY (Source)	Frequency@ 3 V	Using Fluke 5502A Multi-Product Calibrator By Direct Method	50 Hz to 1 MHz	0.01% to 0.29%
51	MECHANICAL-ACCELERATION AND SPEED	RPM / RPM Indicator(Non- Contact Type)	Using Digital Tachometer by Comparison method	50 RPM to 99999 RPM	2.4%rdg to 1.6% rdg
52	MECHANICAL-ACOUSTICS	Acoustic Pressure (Sound level Meter) @ 1KHz	Using Sound Calibrator	94 and 114 dB	0.8dB



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53	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer L.C 0.01mm	Using Slip Gauge Set, Grade 0 by Comparison Method	up to 100 mm	8.0µm
54	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Bore Gauge	Using Digital Calibration Tester by Comparison Method	up to 2 mm	6.0µm
55	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauge (Lever Type) L.C: 0.001mm	Using Dial Calibration Tester by Comparison Method	upto to 1 mm	3.8µm
56	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Snap Gauge / Snap Gauge	Using Slip Gauge Set, Grade 0 by Comparison Method	up to 100 mm	5µm
57	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge L.C: 0.01mm	Using Slip Gauge Set, Grade 0 by Comparison Method	up to 25 mm	10.0µm



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58	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C. : 0.001 mm	Using Slip Gauge set	up to 100 mm	7.7µm
59	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	Using Slip Gauge Set & Accessories, Grade 0 by Comparison Method	0.05 mm to 2 mm	4.3µm
60	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge LC: 0.01	Using Slip Gauge Set, Caliper Checker, Surface by Comparison Method	up mm to 600 mm	14.0µm
61	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Inside Dial CaliperLC: 0.02 mm	Using Slip Gauge Set, Grade 0 by Comparison Method	0.5 mm to 75 mm	15.0µm
62	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Pin	Using Slip Gauge Set & Dial Gauge, Dig Micrometer By comparison Method	upto to 20 mm	4.5µm



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63	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pistol CaliperL.C. 0.1mm	Using Slip Gauge Set by Comparison Method	up to 100 mm	90.0µm
64	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge	Using Slip Gauge Set & Dial Gauge	3 mm to 200 mm	7.5µm
65	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Type Dial Gauge/ Digimatic IndicatorLC: 0.001 mm	Using Dial Calibration Tester	up to 25 mm	3.8µm
66	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Std. Length Bar	Using Slip Gauge Set & Dial Gauge, Dig Micrometer By comparison Method	upto to 200 mm	8.0µm
67	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Test Sieves	Using Digital Caliper	4 mm to 100 mm	31.9µm



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68	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V- Block (Parallelism, Flatness and Symmetry)	Using Surface plate, & Dial Gauge By comparison Method	150 X 150X 150 mm	7.0µm
69	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper/ Dial/ Electronic L.C. : 0.01mm	Using Slip Gauge set & Caliper Checker	up to 600 mm	17.0µm
70	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Depth Gauge L.C. : 0.01mm	Using Slip Gauge Set, Grade 0 by Comparison Method	up to 300 mm	18.3µm
71	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure Transmitter (Digital / Analog)	Using Digital Pressure Gauge by Comparison Method as per DKD – R6 – 1	up to 30 bar	2.1bar
72	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure Transmitter (Digital / Analog)	Using Digital Pressure Gauge by Comparison Method as per DKD – R6 – 1	up to 700 bar	0.8bar
73	MECHANICAL-PRESSURE INDICATING DEVICES	Vacuum Gauge (Digital / Analog)	Using Digital Pressure Gauge by Comparison Method as per DKD – R6 – 1	-1 bar to 0 bar	0.07bar



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74	MECHANICAL-VOLUME	Micro Pipettesd:0.00001 g	Using Weighing Balance with d: 0.01 mg, Distilled Water & Weights & Weighing Balance with d: 0.1 mg based on Gravimetric method as per ISO 8655-6	>100 µl to 1000 µl	1.1µl
75	MECHANICAL-VOLUME	Micro Pipettesd:0.00001 g	Using Weighing Balance with d: 0.01 mg, Distilled Water & Weights & Weighing Balance with d: 0.1 mg based on Gravimetric method as per ISO 8655-6	10 µl to 100 µl	1.0µl
76	MECHANICAL-VOLUME	Volumetric Measures (Burette/Flask/Pipette/ Cylinder/Beaker & Other Glassware) d:0.0001 g	Using Standard Weights of Class F1 & F2 and Precision Weighing Balance and Distilled Water by Gravimetric Method based on ISO 4787	>100 ml to 1000 ml	1.1ml



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77	MECHANICAL-VOLUME	Volumetric Measures (Burette/Flask/Pipette/ Cylinder/Beaker & Other Glassware)d:0.0001 g	Using Standard Weights of Class E2 & F1 and Precision Weighing Balance and Distilled Water by Gravimetric Method based on ISO 4787	>1000 ml to 5000 ml	2.2ml
78	MECHANICAL-VOLUME	Volumetric Measures (Burette/Flask/Pipette/ Cylinder/Beaker & Other Glassware)d:0.0001 g	Using Standard Weights of Class E2 & F1 and Precision Weighing Balance and Distilled Water by Gravimetric Method based on ISO 4787	10 ml to 100 ml	0.6 µl
79	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser)Readability-0.01 mg & coarser	Using E2 class standard weights as per NABL 129	0 g to 90 g	0.8mg
80	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser)Readability-0.1 mg & coarser	Using E2 class standard weights as per NABL 129	>90 g to 220 g	1.5mg
81	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class II and coarser)Readability-10 mg & coarser	Using F1 class standard weights as per NABL 129	>220 g to 5 Kg	0.032g



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82	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class III and coarser)Readability-10 g & coarser	Using F1 class standard weights as per NABL 129	>5 Kg to 100 Kg	14.14g
83	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class IV and coarser)Readability-50 g & coarser	Using F1 class standard weights as per NABL 129	>100 Kg to 500 Kg	45.8g
84	MECHANICAL-WEIGHTS	Weights (Conventional MassM1Class and coarser)	Using F1 Class weights and Precision Balance of readability 10 mg, by substitution method as per NABL 129	1 Kg	15.0mg
85	MECHANICAL-WEIGHTS	Weights (Conventional MassM1Class and coarser)	Using F1 Class weights and Precision Balance of readability 0.1 g by substitution method as per NABL 129	10 kg	139.7mg
86	MECHANICAL-WEIGHTS	Weights (Conventional MassM1Class and coarser)	Using F1 Class weights and Precision Balance of readability 10 mg by substitution method as per NABL 129	2 Kg	15.0mg
87	MECHANICAL-WEIGHTS	Weights (Conventional MassM1Class and coarser)	Using F1 Class weights and Precision Balance of readability 0.1g by substitution method as per NABL 129	20 kg	150.0mg





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88	MECHANICAL-WEIGHTS	Weights (Conventional MassM1Class and coarser)	Using F1 Class weights and Precision Balance of readability 10 mg by substitution method as per NABL 129	5 kg	15mg
89	MECHANICAL-WEIGHTS	Weights (Conventional MassM1Class and coarser)	Using F1 Class weights and Precision Balance of readability 10 g by substitution method as per NABL 129	50 kg	9.8g
90	MECHANICAL-WEIGHTS	Weights (Conventional MassM2 Class and coarser)	Using F1 Class weights and Precision Balance of readability 10 mg by substitution method as per NABL 129	500 g	11.0mg
91	MECHANICAL-WEIGHTS	Weights (Conventional MassF2 Class and coarser)	Using E2 Class weights and Precision Balance of readability 0.01 mg by substitution method as per NABL 129	1 g	0.05mg
92	MECHANICAL-WEIGHTS	Weights (Conventional MassF2 Class and coarser)	Using E2 Class weights and Precision Balance of readability 0.01 mg by substitution method as per NABL 129	1 mg	0.02mg



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93	MECHANICAL-WEIGHTS	Weights (Conventional MassF2 Class and coarser)	Using E2 Class weights and Precision Balance of readability 0.01 mg by substitution method as per NABL 129	10 g	0.08mg
94	MECHANICAL-WEIGHTS	Weights (Conventional MassF2 Class and coarser)	Using E2 Class weights and Precision Balance of readability 0.01 mg by substitution method as per NABL 129	10 mg	0.02mg
95	MECHANICAL-WEIGHTS	Weights (Conventional MassF2 Class and coarser)	Using E2 Class weights and Precision Balance of readability 0.1 mg by substitution method as per NABL 129	100 g	0.2mg
96	MECHANICAL-WEIGHTS	Weights (Conventional MassF2 Class and coarser)	Using E2 Class weights and Precision Balance of readability 0.01 mg by substitution method as per NABL 129	100 mg	0.02mg
97	MECHANICAL-WEIGHTS	Weights (Conventional MassF2 Class and coarser)	Using E2 Class weights and Precision Balance of readability 0.01 mg by substitution method as per NABL 129	2 g	0.05mg



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98	MECHANICAL-WEIGHTS	Weights (Conventional MassF2 Class and coarser)	Using E2 Class weights and Precision Balance of readability 0.01 mg by substitution method as per NABL 129	2 mg	0.02mg
99	MECHANICAL-WEIGHTS	Weights (Conventional MassF2 Class and coarser)	Using E2 Class weights and Precision Balance of readability 0.01 mg by substitution method as per NABL 129	20 g	0.15mg
100	MECHANICAL-WEIGHTS	Weights (Conventional MassF2 Class and coarser)	Using E2 Class weights and Precision Balance of readability 0.01 mg by substitution method as per NABL 129	20 mg	0.02mg
101	MECHANICAL-WEIGHTS	Weights (Conventional MassF2 Class and coarser)	Using E2 Class weights and Precision Balance of readability 0.1 mg by substitution method as per NABL 129	200 g	0.2mg
102	MECHANICAL-WEIGHTS	Weights (Conventional MassF2 Class and coarser)	Using E2 Class weights and Precision Balance of readability 0.01 mg by substitution method as per NABL 129	200 mg	0.02mg



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103	MECHANICAL-WEIGHTS	Weights (Conventional MassF2 Class and coarser)	Using E2 Class weights and Precision Balance of readability 0.01 mg by substitution method as per NABL 129	5 g	0.06mg
104	MECHANICAL-WEIGHTS	Weights (Conventional MassF2 Class and coarser)	Using E2 Class weights and Precision Balance of readability 0.01 mg, by substitution method as per NABL 129	5 mg	0.01mg
105	MECHANICAL-WEIGHTS	Weights (Conventional MassF2 Class and coarser)	Using E2 Class weights and Precision Balance of readability 0.1 mg by substitution method as per NABL 129	50 g	0.2mg
106	MECHANICAL-WEIGHTS	Weights (Conventional MassF2 Class and coarser)	Using E2 Class weights and Precision Balance of readability 0.01 mg by substitution method as per NABL 129	50 mg	0.02mg
107	MECHANICAL-WEIGHTS	Weights (Conventional MassF2 Class and coarser)	Using E2 Class weights and Precision Balance of readability 0.01 mg, 0.1 mg by substitution method as per NABL 129	500 mg	0.05mg



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108	THERMAL- MISCELLANEOUS	Temperature Indicator/controller with sensor of (Dry Block Furnace / Muffle Furnace, Oven)	Using S Type Thermo-couple with Precision Temperature Scanner 1586A by Single Position Calibration	> 660 °C to 1200 °C	1.9°C
109	THERMAL- MISCELLANEOUS	Temperature Indicator/controller with sensor of (Dry Block Furnace / Muffle Furnace, Oven, Freezers, *Incubator)(*For Non-Medical devices)	Using SPRT & S Type Thermo-couple with Precision Temperature Scanner 1586A by Single Position Calibration	- 15 °C to 660 °C	1.0°C
110	THERMAL- SPECIFIC HEAT & HUMIDITY	Hygrometer/ Humidity Meter/Digital Hygrometer/Thermo-Hygrometer/Data Logger	Using Precision Standard Hygrometer/ Temperature & Humidity Chamber By Comparison Method	10°C to 50°C @50% RH	0.9°C
111	THERMAL- SPECIFIC HEAT & HUMIDITY	Indicator of Humidity Chamber/ Environmental Chamber/ Humidity Generator	Using Precision Standard Hygrometer By Comparison Method	10°C to 50°C@50%RH	0.9°C
112	THERMAL- SPECIFIC HEAT & HUMIDITY	Indicator of Humidity Chamber/ Environmental Chamber/ Humidity Generator	Using Precision Standard Hygrometer By Comparison Method	12% RH to 95% RH @25°C	1.6% RH



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113	THERMAL-TEMPERATURE	Calibration of Liquid Baths/ Dry Block Calibrators / Chamber	Using S type Thermocouple/ High Precision Temperature Scanner Fluke 1586A by Comparison Method	>660 °C to 1200 °C	1.9°C
114	THERMAL-TEMPERATURE	Calibration of Liquid Baths/ Dry Block Calibrators / Chamber/ Ovens	Using SPRT/S type Thermocouple/ High Precision Temperature Scanner Fluke 1586A by Comparison Method	- 15 °C to 660 °C	1.6°C
115	THERMAL-TEMPERATURE	Glass Thermometer	Using 4-wire RTD with Precision Temperature Scanner 1586A Oil Temperature Bath by Comparison Method	50 °C to 250 °C	0.6°C
116	THERMAL-TEMPERATURE	RTD'S Thermocouples with and without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter	Using 4-wire RTD & High Precision Temperature Scanner 1586A, Low Temperature Bath by Comparison Method	- 15 °C to 110 °C	0.6°C



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117	THERMAL-TEMPERATURE	RTD'S Thermocouples with and without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter	Using SPRT & High Precision Temperature Scanner 1586A, Fluke Metrology Well by Comparison Method	110 °C to 600 °C	0.9°C
118	THERMAL-TEMPERATURE	RTD'S Thermocouples with and without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter, Temperature Switches	Using SPRT & S Type thermo-couple with Precision Temperature Scanner 1586A & Dry Block Furnace by Comparison Method	250 °C to 1200 °C	1.9°C



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<b>Site Facility</b>					
1	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Measure)	AC Current@50 Hz to 1 KHz	Using Fluke 8846A 61/2 DMM By Direct Method	>100 mA to 10 A	0.39% to 0.26%
2	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Measure)	AC Current@50 Hz to 1 KHz	Using Fluke 8846A 61/2 DMM By Direct Method	100 µA to 100 mA	1.20% to 0.39%
3	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Measure)	AC Voltage @ 50 Hz to 1 kHz	Using Fluke 8846A DMM By Direct Method	>10 V to 1000 V	0.11% to 0.59%
4	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Measure)	AC Voltage @ 50 Hz to 1 kHz	Using Fluke 8846A DMM By Direct Method	1 mV to 10 V	4.72% to 0.11%
5	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Source)	AC Current@50 Hz to 1 kHz	Using Fluke 5502A Multi-Product Calibrator By Direct Method	>1 A to 20 A	0.072% to 0.33%





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<b>Site Facility</b>					
6	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Source)	AC Current@50 Hz to 1 kHz	Using Fluke 5502A Multi-Product Calibrator & 50 Turn Current Coil By Direct Method	>20 A to 1000 A	0.32% to 0.76%
7	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Source)	AC Current@50 Hz to 1 kHz	Using Fluke 5502A Multi-Product Calibrator By Direct Method	30 $\mu$ A to 1 A	0.57% to 0.069%
8	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Source)	AC Voltage @50 Hz to 1 kHz	Using Fluke 5502 A Multi-Product Calibrator By Direct Method	1 mV to 300 mV	2.5% to 0.1%
9	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Source)	AC Voltage@50 Hz to 1 kHz	Using Fluke 5502 A Multi-Product Calibrator By Direct Method	>10 V to 1000 V	0.05% to 0.061%
10	ELECTRO-TECHNICAL-ALTERNATING CURRENT (< 1 GHZ) (Source)	AC Voltage@50 Hz to 1 kHz	Using Fluke 5502 A Multi-Product Calibrator By Direct Method	>300 mV to 10 V	0.1% to 0.05%



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<b>Site Facility</b>					
11	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Current	Using Fluke 8846A 61/2 DMM By Direct Method	1 µA to 10 µA	3.02% to 0.36%
12	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Current	Using Fluke 8846A 61/2 DMM By Direct Method	10 µA to 3 A	0.35% to 0.141%
13	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Current	Using Fluke 8846A 61/2 DMM By Direct Method	3 A to 10 A	0.141% to 1.8%
14	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Voltage	Using Fluke 8846A DMM By Direct Method	>10 V to 1000 V	0.008% to 0.006%
15	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Voltage	Using Fluke 8846A DMM By Direct Method	1 mV to 10 V	0.41% to 0.008%
16	ELECTRO-TECHNICAL- DIRECT CURRENT (Source)	DC Current	Using Fluke 5502 A Multi-Product Calibrator By Direct Method	>1 A to 20 A	0.08% to 0.39%
17	ELECTRO-TECHNICAL- DIRECT CURRENT (Source)	DC Current	Using Fluke 5502 A Multi-Product Calibrator With 50 Turn Current Coil By Direct Method	>20 A to 1000 A	0.09% to 0.65%
18	ELECTRO-TECHNICAL- DIRECT CURRENT (Source)	DC Current	Using Fluke 5502 A Multi-Product Calibrator By Direct Method	1 µA to 10 µA	2.4% to 0.25%



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<b>Site Facility</b>					
19	ELECTRO-TECHNICAL- DIRECT CURRENT (Source)	DC Current	Using Fluke 5502 A Multi-Product Calibrator By Direct Method	10 µA to 1 A	0.25% to 0.08%
20	ELECTRO-TECHNICAL- DIRECT CURRENT (Source)	DC Voltage	Using Fluke 5502A Multi-Product Calibrator By Direct Method	>300 mV to 1000 V	0.01% to 0.007%
21	ELECTRO-TECHNICAL- DIRECT CURRENT (Source)	DC Voltage	Using Fluke 5502A Multi-Product Calibrator By Direct Method	1 mV to 300 mV	0.36% to 0.01%
22	ELECTRO-TECHNICAL- ELECTRICAL EQUIPMENT (Measure)	AC High Voltage	Using High Voltage 80K 40 with DMM By Direct Method	1 KV to 30 KV	8.5% to 6.2%
23	ELECTRO-TECHNICAL- ELECTRICAL EQUIPMENT (Measure)	DC High Voltage	Using High Voltage 80K 40 with DMM By Direct Method	1 KV to 30 KV	10.7% to 4.4%
24	ELECTRO-TECHNICAL- MISCELLANEOUS (Measure)	Capacitance	Using Fluke 8846A 61/2 DMM By Direct Method	1 nF to 100 mF	5.4% to 5%



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<b>Site Facility</b>					
25	ELECTRO-TECHNICAL-MISCELLANEOUS (Measure)	Resistance (2 wire)	Using Fluke 8846A 61/2 DMM By Direct Method	>10 Mohm to 1 Gohm	0.048% to 2.96%
26	ELECTRO-TECHNICAL-MISCELLANEOUS (Measure)	Resistance (2 wire)	Using Fluke 8846A 61/2 DMM By Direct Method	>100 ohm to 10 Mohm	0.016% to 0.048%
27	ELECTRO-TECHNICAL-MISCELLANEOUS (Measure)	Resistance 2 wire	Using Fluke 8846A 61/2 DMM By Direct Method	1 ohm to 100 ohm	0.37% to 0.016%
28	ELECTRO-TECHNICAL-MISCELLANEOUS (Measure)	Time Interval / Stop Watch(Digital/ Analog)	Using Digital Timer By Comparison Method	1 s to 86400 s	5.8% to 2.4%
29	ELECTRO-TECHNICAL-MISCELLANEOUS (Source)	AC Power (50 Hz @ 0.5 Lead/Lag)(10 V to 600 V)(0.5 A to 20 A)	Using Fluke 5502A Multi-Product Calibrator & 50 Turn Current Coil By Direct Method	2.5 W to 6 kW	0.8% to 2.2%
30	ELECTRO-TECHNICAL-MISCELLANEOUS (Source)	AC Power (50 Hz @ UPF)(10 V to 600 V)(0.1 A to 20 A)	Using Fluke 5502A Multi-Product Calibrator & 50 Turn Current Coil By Direct Method	1 W to 12 kW	1.3% to 1.1%



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<b>Site Facility</b>					
31	ELECTRO-TECHNICAL-MISCELLANEOUS (Source)	Capacitance	Using Fluke 5502A Multi-Product Calibrator By Direct Method	1 nF to 100 mF	2.47% to 1.4%
32	ELECTRO-TECHNICAL-MISCELLANEOUS (Source)	Power Factor (Lag/Lead)	Using Fluke 5502A Multi-Product Calibrator By Direct Method	0.2 PF to 1.0 PF	0.012PF to 0.0007PF
33	ELECTRO-TECHNICAL-MISCELLANEOUS (Source)	Resistance (2 wire)	Using Fluke 5502A Multi-Product Calibrator By Direct Method	1 kohm to 10 Mohm	0.013% to 0.08%
34	ELECTRO-TECHNICAL-MISCELLANEOUS (Source)	Resistance (2 wire)	Using Fluke 5502A Multi-Product Calibrator By Direct Method	1 ohm to 1 kohm	1.17% to 0.013%
35	ELECTRO-TECHNICAL-MISCELLANEOUS (Source)	Resistance (2 wire)	Using Fluke 5502A Multi-Product Calibrator By Direct Method	10 Mohm to 1100 Mohm	0.08% to 1.8%



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<b>Site Facility</b>					
36	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation (Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter)PT 100 ohm	Using Fluke 8846A 61/2 DMM & Precision Temperature Scanner 1586A / Simulation Method	- 200 °C to 800 °C	0.26°C to
37	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation(Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter)Thermocouple J-Type	Using Fluke 5502A by Direct / Simulation Method	-210 °C to 1200 °C	0.47°C to
38	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation(Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter)Thermocouple K-Type	Using Fluke 5502A by Direct / Simulation Method	-200 °C to 1372 °C	0.47°C to



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<b>Site Facility</b>					
39	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation(Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter)Thermocouple N-Type	Using Fluke 5502A by Direct / Simulation Method	-200 °C to 1300 °C	0.49°C
40	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation(Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter)Thermocouple R-Type	Using Fluke 5502A by Direct / Simulation Method	0 °C to 1767 °C	0.9°C
41	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation(Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter)Thermocouple S-Type	Using Fluke 5502A by Direct / Simulation Method	0 °C to 1767 °C	0.86°C



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<b>Site Facility</b>					
42	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation(Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter)Thermocouple T-Type	Using Fluke 5502A by Direct / Simulation Method	-250 °C to 400 °C	0.42°C
43	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	J-Type Thermocouple	Using Fluke 5502A by Direct / Simulation Method	-210 °C to 1200 °C	0.47°C
44	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	K-Type Thermocouple	Using Fluke 5502A by Direct / Simulation Method	-200 °C to 1372 °C	0.47°C
45	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	N-Type Thermocouple	Using Fluke 5502A by Direct / Simulation Method	-200 °C to 1300 °C	0.47°C
46	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	R-Type Thermocouple	Using Fluke 5502A by Direct / Simulation Method	0 °C to 1767 °C	0.73°C to





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<b>Site Facility</b>					
47	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	S-Type Thermocouple	Using Fluke 5502A by Direct / Simulation Method	0 °C to 1767 °C	0.55°C to
48	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature calibration(RTD)PT 100 ohm	Using Fluke 5502 A By Direct /Simulation Method	- 200 °C to 800 °C	0.27°C
49	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	T-Type Thermocouple	Using Fluke 5502A by Direct / Simulation Method	-250 °C to 400 °C	0.8°C
50	ELECTRO-TECHNICAL- TIME & FREQUENCY (Measure)	Frequency	Using Fluke 8846A 61/2 DMM By Direct Method	10 Hz to 1 MHz	0.09% to 0.02%
51	ELECTRO-TECHNICAL- TIME & FREQUENCY (Source)	Frequency @ 3V	Using Fluke 5502A Multi-Product Calibrator By Direct Method	10 Hz to 50 Hz	0.16% to 0.01%
52	ELECTRO-TECHNICAL- TIME & FREQUENCY (Source)	Frequency@ 3 V	Using Fluke 5502A Multi-Product Calibrator By Direct Method	50 Hz to 1 MHz	0.01% to 0.29%
53	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure Transmitter (Digital / Analog)	Using Digital Pressure Gauge by Comparison Method as per DKD – R6 – 1	up to 30 bar	2.1bar



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<b>Site Facility</b>					
54	MECHANICAL- PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure Transmitter (Digital / Analog)	Using Digital Pressure Gauge by Comparison Method as per DKD – R6 – 1	up to 700 bar	0.8bar
55	MECHANICAL- PRESSURE INDICATING DEVICES	Vacuum Gauge (Digital / Analog)	Using Digital Pressure Gauge by Comparison Method as per DKD – R6 – 1	-1 bar to 0 bar	0.07bar
56	MECHANICAL- VOLUME	Micro Pipettesd:0.00001 g	Using Weighing Balance with d: 0.01 mg, Distilled Water & Weights & Weighing Balance with d: 0.1 mg based on Gravimetric method as per ISO 8655-6	>100 µl to 1000 µl	1.1µl
57	MECHANICAL- VOLUME	Volumetric Measures (Burette/Flask/Pipette/ Cylinder/Beaker & Other Glassware)d:0.0001 g	Using Standard Weights of Class E2 & F1 and Precision Weighing Balance and Distilled Water by Gravimetric Method based on ISO 4787	10 ml to 100 ml	0.6 µl
58	MECHANICAL- WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser)Readability- 0.01 mg & coarser	Using E2 class standard weights as per NABL 129	0 g to 90 g	0.8mg



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<b>Site Facility</b>					
59	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser)Readability-0.1 mg & coarser	Using E2 class standard weights as per NABL 129	>90 g to 220 g	1.5mg
60	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class II and coarser)Readability-10 mg & coarser	Using F1 class standard weights as per NABL 129	>220 g to 5 Kg	0.032g
61	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class III and coarser)Readability-10 g & coarser	Using F1 class standard weights as per NABL 129	>5 Kg to 100 Kg	14.14g
62	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class IV and coarser)Readability-50 g & coarser	Using F1 class standard weights as per NABL 129	>100 Kg to 500 Kg	45.8g
63	THERMAL-MISCELLANEOUS	Temperature Indicator/controller with sensor of (Dry Block Furnace / Muffle Furnace, Oven)	Using S Type Thermo-couple with Precision Temperature Scanner 1586A by Single Position Calibration	> 660 °C to 1200 °C	1.9°C



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<b>Site Facility</b>					
64	THERMAL- MISCELLANEOUS	Temperature Indicator/controller with sensor of (Dry Block Furnace / Muffle Furnace, Oven, Freezers, *Incubator)(*For Non-Medical devices)	Using SPRT & S Type Thermo-couple with Precision Temperature Scanner 1586A by Single Position Calibration	- 15 °C to 660 °C	1.0°C
65	THERMAL- SPECIFIC HEAT & HUMIDITY	Hygrometer/ Humidity Meter/Digital Hygrometer/Thermo-Hygrometer/Data Logger	Using Precision Standard Hygrometer/ Temperature & Humidity Chamber By Comparison Method	10°C to 50°C @50% RH	0.9°C
66	THERMAL- SPECIFIC HEAT & HUMIDITY	Indicator of Humidity Chamber/ Environmental Chamber/ Humidity Generator	Using Precision Standard Hygrometer By Comparison Method	10°C to 50°C@50%RH	0.9°C
67	THERMAL- SPECIFIC HEAT & HUMIDITY	Indicator of Humidity Chamber/ Environmental Chamber/ Humidity Generator	Using Precision Standard Hygrometer By Comparison Method	12% RH to 95% RH @25°C	1.6% RH



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<b>Site Facility</b>					
68	THERMAL-TEMPERATURE	Calibration of Liquid Baths/ Dry Block Calibrators / Chamber	Using S type Thermocouple/ High Precision Temperature Scanner Fluke 1586A by Comparison Method	>660 °C to 1200 °C	1.9°C
69	THERMAL-TEMPERATURE	Calibration of Liquid Baths/ Dry Block Calibrators / Chamber/ Ovens	Using SPRT/S type Thermocouple/ High Precision Temperature Scanner Fluke 1586A by Comparison Method	- 15 °C to 660 °C	1.6°C
70	THERMAL-TEMPERATURE	RTD'S Thermocouples with and without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter	Using 4-wire RTD & High Precision Temperature Scanner 1586A, Low Temperature Bath by Comparison Method	- 15 °C to 110 °C	0.6°C
71	THERMAL-TEMPERATURE	RTD'S Thermocouples with and without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter	Using SPRT & High Precision Temperature Scanner 1586A, Fluke Metrology Well by Comparison Method	110 °C to 600 °C	0.9°C



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<b>Site Facility</b>					
72	THERMAL-TEMPERATURE	RTD'S Thermocouples with and without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter, Temperature Switches	Using SPRT & S Type thermo-couple with Precision Temperature Scanner 1586A & Dry Block Furnace by Comparison Method	250 °C to 1200 °C	1.9°C

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