Laboratory	**Flutech Engineering Private Limited, #431/11, Chelikere , Off Glass Factory Road, Kalyan Nagar Post, Bangalore, Karnataka**			
Accreditation Standard	**ISO/IEC 17025: 2017**			
Certificate Number	**CC-2891 (*In lieu of C-0857, C-0858,C-0859)***	**Page**	**1 of 20**	
Validity	**07.11.2018 to 06.11.2020**	**Last Amended on**	**19.11.2018**	

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
		ELECTRO TECHNICAL CALIBRATION		
I.	**SOURCE**			
1.	DC Voltage#	1 mV to 10mV 10 mV to 100mV 100 mV to 10V 10 V to 100V 100 V to 1000V	0.36% to 0.042% 0.042% to 0.012% 0.012% to 0.0086% 0.0086% to 0.0090% 0.0090% to 0.0087%	Using Fluke 5502A Multiproduct Calibrator By Direct method
2.	DC Current#	10 µA to 100 µA 100 µA to 300 µA 300 µA to 1mA 1mA to 100mA 100mA to 1A 1A to 10A 10A to 20A 20A to 1000A	0.25% to 0.040% 0.040% to 0.025% 0.025% to 0.022% 0.022% to 0.016% 0.016% to 0.050% 0.050% to 0.077% 0.076% to 0.31% 0.48% to 0.32%	Using Fluke 5502A Multiproduct Calibrator By Direct method Using 50 turns current Coil
3.	AC Voltage#	**20Hz to 45Hz** 1mV to 30mV 30mV to 300mV 300mV to 30V	 2.49% to 0.25% 0.25% to 0.067% 0.067% to 0.063%	 Using Fluke 5502A Multiproduct Calibrator By Direct method

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
		45Hz to 10kHz		
		30mV to 300mV	0.19% to 0.045%	
		300mV to 3V	0.045% to 0.041%	Using Fluke 5502A
		3V to 30V	0.041% to 0.089%	Multiproduct Calibrator
		30V to 300V	0.089% to 0.060%	By Direct method
		300V to 1000V	0.060% to 0.11%	
		10KHz to 100kHz		
		30mV to 300mV	0.25% to 0.36%	
		300mV to 3V	0.36% to 0.31%	
		3V to 30V	0.31% to 0.30%	
		30V to 100V	0.30% to 0.38%	
4.	AC Current#	**20Hz to 45Hz**		
		30µA to 300µA	0.54% to 0.23%	Using Fluke 5502A
		300µA to 1mA	0.23% to 0.17%	Multiproduct Calibrator
		1mA to 300mA	0.17% to 0.13%	By Direct method
		300mA to 3A	0.13% to 0.22%	
		45Hz to 1kHz		
		30µA to 300µA	0.61% to 0.26%	
		300µA to 1mA	0.26% to 0.15%	
		1mA to 300mA	0.15% to 0.083%	
		300mA to 3A	0.083% to 0.16%	
		3A to 20A	0.16% to 0.34%	

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
		1kHz to 5kHz		
		30µA to 30mA	0.55% to 0.14%	
		30mA to 300mA	0.14% to 0.15%	
		300mA to 3A	0.15% to 0.73%	
		3A to 10A	0.12% to 3.48%	
		50Hz		
		20 A to 1000A	0.55% to 0.36%	Using 50 turns current Coil
5.	Resistance[#]	1Ω to 10Ω	0.14% to 0.026%	Using Fluke 5502A Multiproduct Calibrator By Direct method
		10Ω to 100Ω	0.026% to 0.013%	
		100Ω to 100kΩ	0.013% to 0.014%	
		100kΩ to 1MΩ	0.014% to 0.018%	
		1MΩ to 10MΩ	0.018% to 0.07%	
		10MΩ to 100MΩ	0.07% to 0.58%	
		100MΩ to1000MΩ	0.58 % to 1.79%	
6.	Capacitance[#]	**1kHz**		
		220pF to 350pF	5.83% to 3.88%	Using Time Electronics 1071 Decade Capacitance BOX by Direct Method
		350pF to 1nF	3.88% to 1.83%	
		1nF to 300 nF	1.83% to 1.18%	
		300 nF to 1µF	1.18% to 1.16%	
		100Hz		
		10µF to 100µF	0.43% to 0.65%	

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
7.	AC Resistance#	**1kHz** 1Ω to 10 kΩ	1.15% to 0.13%	Using Time Electronics 1040 Decade Resistance BOX By Direct Method
8.	DC High Resistance#	0.1MΩ to 1 MΩ 1 MΩ to 100 MΩ 100 MΩ to 10 GΩ	6.10% to 2.38% 2.38% to 2.31% 2.31% to 5.79%	Using Vaiseshika 8400-HV Mega ohm Box by Direct Method
9.	Inductance#	**1kHz** 1mH to 10H	2.31%	Using Time Electronics 1053 Decade inductance BOX Direct Method
10.	DC Power#	10 V to 1000 V 10 mA to 20 A 0.1W to 20 kW	0.12%	Using Fluke 5502A Multiproduct Calibrator By Direct Method
11.	AC Power#	**50Hz @UPF** 120V to 240V 0.01A to 20A 1.2W to 4.8 kW **50Hz @0.8 Lead** 120V to 240V 0.1A to 20A 4.8W to 3.8 kW	0.093% to 0.25% 0.46%	Using Fluke 5502A Multiproduct Calibrator By Direct Method

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
		50Hz @0.5 Lag 60V to 240V 0.01A to 20A 3W to 2.4 kW **50Hz @0.2 Lag** 120V to 240V 0.01A to 20A 1.2W to 960W	0.61% 1.80%	
12.	Frequency[#]	10 Hz to 100 Hz 100 Hz to 100 kHz 100 kHz to 500kHz	0.015% to 0.0040% 0.0040% to 0.00058% 0.00058% to 0.0013%	Using Fluke 5502A Multiproduct Calibrator By Direct Method

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
13.	Temperature Simulation#			
	"K" Type Thermocouple	(-)200°C to 100°C 100°C to 1350°C	0.38°C to 0.19°C 0.19°C to 0.46°C	Using Fluke 5502A Multiproduct Calibrator By Electrical simulation direct Method
	"J" Type Thermocouple	(-)200°C to 100°C 100°C to 1200°C	0.31°C to 0.17°C 0.17°C to 0.27°C	
	"B" Type Thermocouple	600°C to 1800°C	0.40°C to 0.39°C	
	"E" Type Thermocouple	(-)200°C to 950°C	0.55°C to 0.25°C	
	"N" Type Thermocouple	(-)200°C to 1300°C	0.47°C to 0.32°C	
	"R" Type Thermocouple	0°C to 800°C 800°C to 1600°C	0.66°C to 0.39°C 0.39°C to 0.47°C	
	"S" Type Thermocouple	0° to 1600°C	0.42°C to 0.54°C	
	"T" Type Thermocouple	(-)200°C to 400°C	0.7°C to 0.17°C	
	RTD's	(-)200°C to 600°C 600°C to 800°C	0.082°C to 0.12°C 0.12°C to 0.27°C	

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
II.	**MEASURE**			
1.	DC Voltage#	1mV to 10mV 10mV to 100mV 100mV to 1V 1V to 10V 10V to 100V 100V to 1000V	0.41% to 0.045% 0.045% to 0.0084% 0.0084% to 0.0038% 0.0038% to 0.0035% 0.0035% to 0.0052% 0.0052% to 0.0060%	Using Fluke 6 ½ digit 8846A Multimeter By Direct method
	DC High Voltage#	1kV to 10kV	2.52%	Using High Voltage Probe with DMM By Ratio Method
2.	DC Current#	10 µA to 100 µA 100 µA to 1 mA 1mA to 100 mA 100 mA to 3 A 3A to 10 A	0.36% to 0.088 % 0.088% to 0.087% 0.087% to 0.064% 0.064% to 0.15% 0.15% to 0.19%	Using Fluke 6 ½ digit 8846A Multimeter By Direct method
3.	AC Voltage#	**20Hz to 20kHz** 10mV to 100 mV 100mV to 1V 1V to 10V 10V to 1000V **20Hz to 50kHz** 10mV to 1V 1V to 10V 10V to 320V	 0.53% to 0.12% 0.12% to 0.10% 0.10% to 0.11% 0.11% to 0.10% 0.58% to 0.10% 0.10% to 0.20% 0.20% to 0.19%	Using Fluke 6 ½ digit 8846A Multimeter By Direct method

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
		100KHz		
		100mV to 3V	0.25% to 5.2%	
	AC High Voltage#	**50Hz**		Using HV Probe with DMM By Ratio Method
		1kV to 5kV	3.05%	
4.	AC Current#	**40Hz to 1kHz**		
		10 µA to 100 µA	0.89% to 0.25%	Using Fluke 6 ½ digit 8846A Multimeter By Direct method
		100 µA to 100 mA	0.25% to 0.16%	
		100mA to 1A	0.16% to 0.18%	
		1A to 10 A	0.18% to 0.31%	
		1kHz to 5kHz		
		10µA to 100µA	0.21% to 0.20%	
		100 µA to 10 mA	0.22% to 0.27%	
		10mA to 100mA	0.27% to 0.20%	
		100mA to 3A	0.20% to 0.26%	
5.	Resistance#	1Ω to 10Ω	0.36% to 0.047%	Using Fluke 6 ½ digit 8846A Multimeter By Direct method
		10Ω to 100Ω	0.047% to 0.016%	
		100Ω to 10kΩ	0.016% to 0.013%	
		10kΩ to 1MΩ	0.013%	
		1MΩ to 10MΩ	0.013% to 0.048%	
		10MΩ to 100MΩ	0.048% to 0.93%	
		100MΩ to 1GΩ	0.93% to 2.32%	

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
6.	AC Resistance#	**1 kHz** 1 Ω to 1k Ω 1 kΩ to 10 kΩ	 0.064% to 0.10% 0.10%	Using Agilent E4980A LCR meter By Direct Method/ Comparison Method
7.	Capacitance#	**1kHz** 10pF to 100pF 100pF to 1nF 1nF to 1µF **100Hz** 10µF to 100µF	 0.072% to 0.10% 0.10% 0.11% 0.58% to 0.59%	Using Agilent E4980A LCR meter By Direct Method / Comparison Method
8.	Inductance#	**1kHz** 1mH to 10H	 0.11% to 0.10%	Using Agilent E4980A LCR meter By Direct/ Comparison Method
9.	Frequency#	10Hz to 100kHz 100kHz to 1MHz	0.081% to 0.013% 0.013% to 0.042%	Using Fluke 6 ½ digit 8846A Multimeter By Direct method

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
10.	Temperature Simulation#			
	"K" Type Thermocouple	(-)200°C to 100°C 100°C to 1350°C	0.38°C to 0.19°C 0.19°C to 0.46°C	Using Fluke 5502A Multiproduct Calibrator By Electrical simulation direct Method
	"J" Type Thermocouple	(-)200°C to 100°C 100°C to 1200°C	0.31°C to 0.17°C 0.17°C to 0.27°C	
	"B" Type Thermocouple	600°C to 1800°C	0.40°C to 0.39°C	
	"E" Type Thermocouple	(-)200°C to 950°C	0.55°C to 0.25°C	
	"N" Type Thermocouple	(-)200°C to 1300°C	0.47°C to 0.32°C	
	"R" Type Thermocouple	0°C to 800°C 800°C to 1600°C	0.66°C to 0.39°C 0.39°C to 0.47°C	
	"S" Type Thermocouple	0° to 1600°C	0.42°C to 0.54°C	
	"T" Type Thermocouple	(-)200°C to 400°C	0.7°C to 0.17°C	
	RTD's	(-)200°C to 600°C 600°C to 800°C	0.11°C to 0.15°C 0.15°C to 0.49°C	Using Fluke 8846A Precision Multimeter & Fluke 725 process calibrator by Direct Method
11.	Time Interval#	10 sec to 1000 sec 1000sec to 9000sec	0.82% to 0.058% 0.058% to 0.10%	Using SELEC TT412 Digital Timer By Comparison Method

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
	MECHANICAL CALIBRATION			
I.	**DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)**			
1.	Bevel Protractor $^{\$}$ LC:0.1° (5min) $^{\Phi}$	0-360˚	2.94 min	Using Angle Gauge Blocks & Accessories By Comparison As per IS Standard IS 4239-1970
2.	Bore Gauge $^{\$}$ (Transmission only) LC : 0.001mm $^{\Phi}$	0 to 2mm	6.89 µm	Using Electronic Dial Calibrator. By Comparison As per IS Standard IS 2092
3.	Bore Gauges for extra small holes (without Transmission) LC : 0.001mm $^{\Phi}$	3 mm to 10mm	1.96 µm	Using Master Plain Ring Gauges. By Comparison As per IS Standard IS 2966
4.	Calipers $^{\$}$ (Digital/Dial/Vernier) LC:0.01mm $^{\Phi}$	0 to 150 mm 0 to 600 mm 0 to 1000mm	13.50 µm 7.89 µm 17.35 µm	Using Gauge Blocks Grade“0”& Vernier Caliper Checker By Comparison As per IS Standard IS 3651
5.	Cylindrical Pins $^{\$}$	0.1 mm to 2 mm	1.66 µm	Using Gauge Blocks Grade“0” & Mechanical Comparator. By Comparison As per IS Standard IS 11103

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
6.	Depth Micrometer $ LC:0.001mm Φ	0 to 300mm	3.49 µm	Using Gauge Blocks Grade“0” By Comparison As per IS Standard IS 4213
7.	Depth Vernier Gauge $ LC:0.01mm LC:0.02mm	0 to 300mm 0 to 300mm	4.32 µm 5.20 µm	Using Gauge Blocks Grade“0” By Comparison As per IS Standard IS 4213
8.	Dial Comparator $ (Millimess) LC:0.001mm	0 to 0.05 mm	3.82 µm	Using Electronic Dial Calibrator. By Comparison As per IS Standard IS 2092
9.	External Micrometer $ LC:0.001mm Φ LC:0.01mm	0 to 150mm 150 mm to 300 mm	1.59 µm 7.36 µm	Using Gauge blocks Grade“0” Optical Flats & Mechanical Comparator. By Comparison As per IS Standard IS 2967
10.	External Micrometer $ Setting rods	0 to 275 mm	1.86 µm	Using Gauge blocks Grade“0” & Mechanical Comparator. By Comparison As per IS Standard IS 2967

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
11.	Feeler Gauge $	0.03mm to 1mm	2.97 µm	Using Digital Micrometer (LC: 0.001mm) by Comparison As per IS Standard IS 3179
12.	Height Gauge $ (Dial/Digital/ Analog) LC: 0.01mm LC:0.02mm	 0 to 300 mm 0 to 1000mm 0 to 1000mm	 6.91 µm 9.23 µm 15.00 µm	 Using Gauge Blocks Grade“0”& Vernier Caliper Checker By Comparison As per IS Standard IS 2921
13.	Inside Micrometer $ (Stick/Tubular) LC:0.001mm Φ LC:0.01mm	 0 to 275mm	 3.73 µm	Using Gauge Blocks Grade“0” & Accessories By Comparison As per IS Standard IS 2966
14.	Lever Type dial Gauge $ LC:0.001mm Φ LC:0.01mm	 0 to 0.2 mm 0 to 0.8mm 0 to 1.6 mm	 3.89 µm 3.93 µm 6.90 µm	Using Electronic Dial Calibrator. By Comparison As per IS Standard IS 11498
15.	Pistol Caliper $ LC:0.1mm	 0 to 220mm	 28.86 µm	Using Gauge Blocks Grade “0 “ By Comparison As per IS Standard IS 2092
16.	Plain Plug Gauge $	2 mm to 150mm	1.66 µm	Using Gauge Blocks Grade“0” & Mechanical Comparator. By Comparison As per IS Standard IS 7859

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
17.	Plunger Type Dial & Digital Gauge $ LC:0.001mm LC:0.01mm	 0 to 12.7mm 0 to 12.5 mm	 3.89 µm 3.93 µm	Using Electronic Dial Calibrator. By Comparison As per IS Standard IS 2092
18.	Snap Gauge $	1m to 150mm	2.20 µm	Using Gauge Blocks Grade "0 " By Comparison As per IS Standard IS 3477
19.	Thread Plug Gauge $	3 mm to 100mm	2.67 µm	Using Floating Carriage & Cylindrical Pins. By Comparison As per IS Standard IS 2334
20.	Three point Micrometer $ LC:0.001mm LC:0.005mm	 6mm to 10mm 10 mm to 100mm	 2.13 µm 6.11 µm	Using Master Plain Ring Gauges. By Comparison As per IS Standard IS 2966

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
II.	**WEIGHING SCALE AND BALANCE**			
1.	Weighing Balances / Machines ♣ LC:0.1 mg Φ	1 mg to 100 g 100g to 200 g	0.11 mg 0.14 mg	Using E2 Class Standard Weights by Comparison Method as per OIML-R76
	LC:1 mg Φ LC:10 mg Φ LC:100 mg Φ LC:1g Φ	200g to 1 kg 1kg to 6 kg 6 kg to 20 kg 20 kg to 60 kg	1.82 mg 5.51 mg 135 mg 227 mg	Using F1 Class Standard Weights by Comparison Method as per OIML-R76
III.	**ACCOUSTICS**			
1.	Sound Level Meter$	94 dB & 114 dB	0.5 dB	Using Sound level calibrator Class 1. By Comparison method @ 1000 Hz frequency ± 1% as per IS 15575 (part 1)
V.	**PRESSURE INDICATING DEVICES**			
1.	Pressure (Hydraulic) $ Gauges Transducer Recorder/ switches Logger/Modules Manometers Transmitters Calibrators	6 bar to 1600 bar	0.021 % Rdg	Using Hydraulic Dead Weight Tester DH Budenberg 580 EHX. By Comparison Method as per DKD R6-1

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
2.	Pressure (Hydraulic) # Gauges Transducer Recorder/ switches Logger/Modules Manometers Transmitters Calibrators	0.1 bar to 340 bar 0.1 bar to 700 bar	0.23 % Rdg 0.35 % Rdg	Using Pressure calibrator Fluke7175000G & Digital Pressure Gauge. By Comparison Method as per DKD R6-1
3.	Pressure (Pneumatic)# Gauges Transducer Recorder/ switches Logger/Modules Manometers Transmitters Calibrators	0 bar to 3.5 bar 0.1 bar to 34 bar	0.021 % Rdg 0.17 % Rdg	Using Druck Calibrator DPI802P . By Comparision method as per DKD R 6-1 : 2003 & Using Pressure calibrator Fluke7175000G With Gauge pressure Module 700P07 & Digital Pressure Gauge. By Comparison Method as per DKD R6-1
4.	Differential Pressure # Gauges Transducer Recorder/ switches Logger/Modules Manometers Magnehelic gauges Transmitters Calibrators	0.1 mbar to 100 mbar 100 mbar to 340 mbar	0.28 %rdg 0.42 %rdg	Using Pressure calibrator Fluke 717 5000G with Gauge pressure Module 700P03 by Comparison Method as per DKD R6-1

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
5.	Negative Pressure (Vacuum) [#] Gauges Transducer Recorder/ switches Logger/Modules Manometers Transmitters Calibrators	(-)0.01 bar to (-)0.8 bar	0.00079 bar	Using Pressure Loop calibrator Druck DP1802P & Pressure calibrator Fluke 717 5000G with Gauge Pressure Module 700PD4 & Digital Pressure Gauge by Comparison Method as per ISO 3567
6.	Pressure (Hydraulic) [$] Dead weight tester	6 bar to 700bar	0.015 %Rdg	Using Hydraulic Dead Weight Tester DH Budenberg 580 EHX. By Comparison with Cross float Method as per Euramet cg-3
V.	**TORQUE GENERATING DEVICES**			
1.	Torque Screw Driver & Hand Torque Wrenches [$]			
	Type I, Class A, B,C,D,E	0.5 Nm to 10 Nm 10Nm to 100 Nm 100 Nm to 500 Nm 500 Nm to 1400 Nm	0.30 %Rdg 0.30 %Rdg 0.25 %Rdg 0.24 %Rdg	Using Static Torque Transducer with Indicator. By Comparison Method Based on ISO 6789:2003.
	Type II, Class A,B,C,D,E,F,G	25 Nm to 250 Nm 25 Nm to 250 Nm	0.25 %Rdg 0.27 %Rdg	Clockwise Direction Counter clock wise direction.

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
2.	Torque Multiplier [$]	200 Nm to 600 Nm 600 Nm to 6000 Nm	0.67 %Rdg 0.38 %Rdg	Using Static Torque Transducer with Indicator. By Comparison Method Based on ISO 6789
3.	Hydraulic Torque Wrenches [$]	200 Nm to 2100 Nm 2100 Nm to 9580 Nm	0.49 %Rdg 0.38 %Rdg	Using Static Torque Transducer with Indicator. By Comparison Method Based on ISO 6789
4.	Rotary Torque Tools Pneumatic, Electrical, Oil Pluse Tool, DC Nut runner. [$]	0.5 Nm to 60 Nm 60 Nm to 150 Nm 150 Nm to 700 Nm	0.84 %Rdg 0.75 %Rdg 0.88 %Rdg	Using Static Torque Transducer with Norbar joint simulation rundown assembly and Indicator By Comparison Method Based on ISO 5393:1994 & ISO 6789

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
		THERMAL CALIBRATION		
I.	**TEMPERATURE**			
1.	Thermocouples/ RTD's with or without Digital Indicators & Temperature Transducers /Gauges[#]	(-)25°C to 200°C 200°C to 600°C 600°C to 1200°C	0.13°C to 0.21°C 0.21°C to 1.21°C 1.21°C to 1.81°C	Using RTD/R- Type Thermocouple with Multiproduct Calibrator 5502A, 6 ½ DMM 8846A & Dry Block Furnaces by Comparison Method
2.	Glass Thermometer[$]	(-)10°C to 110°C	0.63°C	Using RTD with 6 ½ DMM 8846A & Dry Block furnace with Liquid stirrer by Comparison Method
3.	Dry Block Furnace & Fluid Baths[#]	(-)25°C to 140°C 140°C to 650°C 650°C to 1200°C	0.13°C to 0.22°C 0.22°C to 1.21°C 1.21°C to 1.81°C	Using PRT and R type Thermocouple with Multiproduct Calibrator 5502A & 6 ½ DMM 8846A by Comparison Method

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
II.	**SPECIFIC HEAT AND HUMIDITY**			
1.	Temperature Uniformity mapping of Furnace, Ovens, Environmental Chamber, Freezer, Refrigerators, BOD Incubator (Multi position)♣	(-)85°C to 200°C 200°C to 800°C 800°C to 1200°C	0.60°C 2.68°C 5.02°C	Using Calibrated RTDs, N-Type Thermocouples with Paperless Recorder By Comparison Method (Multi position)

*** Measurement Capability is expressed as an uncertainty (±) at a confidence probability of 95%**

$Only in Permanent Laboratory

♣Only for Site Calibration

 # The laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.

Φ Laboratory can also calibrate instruments/devices of coarser resolution / least count within the accredited range using same reference standard/ master equipment under the scope of accreditation.