Laboratory	Clear Point Instrumentation Pvt. Ltd., B2/406, Boomrar Farm Road, Andheri East, Mumbai, Maharashtra		ng, Chandiwali
Accreditation Standard	ISO/IEC 17025: 2005		
Certificate Number	CC-2595 (In lieu of C-1355)	Page	1 of 4
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SI.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks			
	ELECTRO TECHNICAL CALIBRATION						
I.	SOURCE						
1.	DC Voltage [#]	1mV to 100mV 100mV to 10V 10V to 1000V	0.35% to 0.011% 0.011 to 0.0064% 0.0064% to 0.007%	Using Fluke 5500A Multifunction Calibrator By Direct Method			
2.	DC Current [#]	190uA to 10mA 10mA to 10A	0.073% to 0.015% 0.015% to 0.073%	Using Fluke 5500A Multifunction Calibrator By Direct Method			
3.	Resistance [#]	1Ω to 10kΩ 10 kΩ to 1MΩ 1MΩ to 100MΩ 100MΩ to 1Tohm	0.94% to 0.017% 0.017% to 0.024% 0.024% to 0.61 0.61% to 3.61%	Using Fluke 5500A Multifunction Calibrator By Direct Method			
4.	AC Voltage [#]	10Hz to10kHz 10mV to 100mV 100mV to 10V 10V to 1000V 10kHz to 100kHz 10mV to 10V	0.64% to 0.081% 0.40% to 0.054% 0.054% to 0.29% 0.79% to 0.47%	Using Fluke 5500A Multifunction Calibrator By Direct Method			
5.	AC Current [#]	10Hz to 1kHz 100uA to 1A 1kHz to 10kHz 100uA to 100mA	0.45% to 0.18% 0.18% to 1.83%	Using Fluke 5500A Multifunction Calibrator By Direct Method			

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SI.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
		50Hz to 1kHz 1A to 10A	0.15% to 0.10	
6.	Frequency [#]	10Hz to 10kHz 10kHz to 1MHz	0.058% to 0.065% 0.065% to 0.58%	Using Fluke 5500A Multifunction Calibrator by Direct Method
7.	Capacitance [#]	1nF to 1uF 1uf to 100uF	1.76% to 0.41% 0.41% to 0.70%	Using Fluke 5500A Multifunction Calibrator by Direct Method
8.	AC Power [#] 1 Phase	50Hz 240V 1A to 10A UPF 240 W to 2.4KW	0.48% to 0.21%	Using Fluke 5500A Multifunction Calibrator by Direct Method
9.	Temperature [#] Simulation RTD(PT100) J Type Thermocouple K Type Thermocouple	(-)200°C to 800°C (-)200°C to 1200°C (-)200°C to 1370°C	0.32°C 0.38 °C to0.46 °C 0.32 °C to 0.27 °C	Using Fluke 5500A Multifunction Calibrator by Direct Method
11.	MEASURE			
1.	DC Voltage [#]	1mV to 10mV 10mV to 100mV 100mV to 10V 10V to 1000V	0.54% to 0.057% 0.057% to 0.0087% 0.0087% to 0.0035% 0.0035% to 0.006%	Using Fluke 8846A-6 ½ Digital multimeter by Direct Method
		1KV to 40KV	0.006% to 2.84%	Using HV probe Fluke 80K40 With DMM Fluke 15B+

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SI.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurem Capability (±)	ent Remarks
2.	Dc Current [#]	100uA to 1mA 1mA to 10mA 10mA to 100mA 100mA to 10A	0.22% to 0.064% 0.064% to 0.082% 0.082% to 0.064% 0.064% to 0.18%	Using Fluke 8846A-6 ½ Digital multimeter by Direct Method
		10A to 180A	0.18% to 2.63%	Using shunt, Voltage and Resistance method
3.	Resistance [#]	1Ω to 10kΩ 10kΩ to 1MΩ 1MΩ to 10MΩ 10MΩ to 1GΩ	0.36% to 0.059% 0.059% to 0.014% 0.014% to 0.065% 0.065% to 2.43%	Using Fluke 8846A-6 ½ Digital multimeter by Direct Method
4.	AC Voltage [#]	10Hz to 1kHz 100mV to 1V 1V to 100V 100V to 1000V 1KV to 27KV	0.12% to 0.11% 0.11% to 0.20% 0.20% to 0.11% 0.11% to 6.22%	Using Fluke 8846A-6 ½ Digital multimeter by Direct Method Using HV probe Fluke 80K40 With DMM Fluke 15B+
5.	Ac Current [#]	10Hz to 1kHz 10uA to 10A	0.31% to 0.25%	Using Fluke 8846A-6 ½ Digital multimeter by Direct Method
6.	Frequency [#]	10Hz to 1MHz	0.082% to 0.012%	Using Fluke 8846A-6 ½ Digital multimeter by Direct Method

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SI.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
7.	DC Capacitance [#]	1nF to 1mF	5.47% to 2.10%	Using Fluke 8846A-6 ½ Digital multimeter by Direct Method
8.	Voltage ratio [#]	1 to 2000	0.83% to 0.67%	Using Megger TTR Standard by Comparison Method

* Measurement Capability is expressed as an uncertainty (±) at a confidence probability of 95% [#] the laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.