Laboratory Accreditation Standard Discipline		Electronics Test & Development Centre, Electronics Complex, Indore, Madhya Pradesh ISO/IEC 17025: 2005					
		Certificate Number		C-0634		Valid Until 02.07.2016	
Last Amended on		-		Page	age 1 of 2		
	Quantity Measured/ Instrument	Range / Frequency	*Calibration Measureme Capability (±)	ent F	Remarks		
1.	SOURCE AC VOLTAGE <sup>♯</sup>	<b>40 Hz to 1kHz</b> 10 mV to 100 mV 100 mV to 750 V	4.52% to 0.075% 0.075% to 0.071%	Using Calibrat By I	Using Multi function Calibrator wavetek 9100. By Direct Method		
2.	AC CURRENT <sup>♯</sup>	<b>40 Hz to 1kHz</b> 0.3 mA to 300 mA 300 mA to 10 A	0.23% to 0.18% 0.18% to 0.29%	Using Calibrat By I	Using Multi function Calibrator wavetek 9100. By Direct Method		
3.	DC VOLTAGE <sup>♯</sup>	10 mV to 100 mV 100 mV to1000 V	0.08% to 0.014% 0.014% to 0.012%	Using Calibrat By I	Using Multi function Calibrator wavetek 9100 By Direct Method		
4.	DC CURRENT <sup>♯</sup>	0.3 mA to 300 mA 300mA to10 A	0.02% to 0.04% 0.04% to 0.08%	Using Calibrat By I	Using Multi function Calibrator wavetek 9100 By Direct Method		
5.	RESISTANCE <sup>#</sup> (2W)	1 Ώ to 10 Ω 10 Ω to 100 kΩ 100 kΩ to 10 MΩ 10 MΩ to 100 MΩ	1.24% to 0.16% 0.16% to 0.033% 0.033% to 0.084% 0.084% to 0.12%	Using Calibrat By I	Using Multi function Calibrator wavetek 9100. By Direct Method		
6.	<b>FREQUENCY<sup>#</sup></b>	10 Hz to 300 kHz	0.006% to0.0025%	Using Calibrat By I	Multi function or wavetek 9100. Direct Method		
1.	<u>MEASURE</u> AC VOLTAGE <sup>♯</sup>	<b>1kHz</b> 100 mV to 1V 1V to 750 V	0.117% to 0.104% 0.104% to 0.106%	Using By I	6 ½ Digit DMM (HP) Direct Method		

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	Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurem Capability (±)	ent F	Remarks	
2.	AC CURRENT <sup>♯</sup>	<b>1 kHz</b> 1 A to 2 A	0.17% to 0.28%	Using By I	Using 6 ½ Digit DMM (HP) By Direct Method	
3.	DC VOLTAGE <sup>♯</sup>	100 mV to 1 V 1 V to 1000 V	0.01% to 0.006% 0.006% to 0 .007%	Using By I	Using 6 ½ Digit DMM (HP) By Direct Method	
4.	DC CURRENT <sup>♯</sup>	10 mA to 100 mA 100mA to2 A	0.09% to 0.07% 0.07% to 0.17%	Using By I	Using 6 ½ Digit DMM (HP) By Direct Method	
5.	RESISTANCE <sup>#</sup> (2W)	100 Ω to 1 kΩ 1 kΩ to 100 KΩ 100 KΩ to10 MΩ 10 MΩ to100 MΩ	0.017% to 0.013% 0.013% 0.013% to 0.05% 0.05% to 0.94%	Using By I	Using 6 ½ Digit DMM (HP) By Direct Method	
6.	<b>FREQUENCY<sup>#</sup></b>	100 Hz to 100 kHz	0.011%	Using By I	Using 6 ½ Digit DMM (HP) By Direct Method	

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

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