



NABL

Department of Science & Technology, India

SCOPE OF ACCREDITATION

Laboratory	Belz Calibration Laboratory, 5L-123, N.I.T., Faridabad		
Accreditation Standard	ISO/IEC 17025:2005		
Field	Electro-Technical Calibration	Issue Date	27.04.2011
Certificate Number	C-0158	Valid Until	27.06.2012
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Measured Qty / Instrument	Range	*Calibration Measurement Capability (\pm)	Remarks
10. OSCILLOSCOPE TIME BASE (Marker)	100ns to 100 μ s	0.13	Using Fluke 9100 MF Calibrator By Direct Method
AMPLITUDE (Deflection Factor)	1kHz to 50kHz 1M Ω 20mV to 50V 1kHz to 50kHz 50 Ω 20mV to 4V	1.0%	Using Fluke 9100 MF Calibrator By Direct Method
BANDWIDTH	1kHz to 50MHz	1.0%	Using Fluke 9100 MF Calibrator By Direct Method
<u>MEASURE</u>			
11. DC VOLTAGE	1 mV to 100 mV 100 mV to 10 V 10V to 1000V	0.43% to 0.01% 0.01% to 0.06% 0.06% to 0.02%	Using 6 $\frac{1}{2}$ DMM by Comparison /Direct method
12. DC CURRENT	1 μ A to 10mA 10mA to 3A 3A to 800A	2.9% to 0.59% 0.59% to 0.3% 0.3% to 0.5%	Using 6 $\frac{1}{2}$ DMM& Micro ohm meter by Comparison/Direct method & V * I method
13. AC VOLTAGE	50 Hz 1mV to 10V 10V to 750V	6.99% to 0.14% 0.14% to 0.18%	Using 6 $\frac{1}{2}$ DMM by Comparison /Direct method

Convenor