



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
6. FREQUENCY	10kHz to 10 MHz	0.07% to 0.008%	Using Fluke 9100 MF Calibrator By Direct Method
7. CAPACITANCE	1nF to 1mF 1mF to 10 mF	2.2% to 2.5% 2.5% to 1.86%	Using Fluke 9100 MF Calibrator By Direct Method
8. DC POWER	10V to 1000V 1A to 19A	0.3% to 0.31%	Using Fluke 9100 MF Calibrator By Direct Method
AC POWER (UPF, 50Hz)	Voltage:10V to 640V Current: 1A / 19A	0.25%	Using Fluke 9100 MF Calibrator By Direct Method
AC POWER (UPF TO 0.1PF, 50Hz)	Voltage:240V Current: 5A	0.3%	Using Fluke 9100 MF Calibrator By Direct Method
9. TEMPERATURE SIMULATION (INDICATOR/ CONTROLLER/ RECORDER)			
RTD	-200°C to 800°C	0.21°C to 0.43°C	Using Fluke 9100 MF Calibrator By Direct Method
'T' Type T/C	-200°C to 400°C	0.7 °C to 0.25°C	
'S' Type T/C	0°C to 1700°C	0.5°C	
'J' Type T/C	-200°C to 1200°C	0.3°C	
'N' Type T/C	-200°C to 1300°C	0.3°C	
'K' Type T/C	-200°C to 1300°C	0.67 °C to 0.33°C	
'R' Type T/C	0 to 1700°C	0.5°C	

Convenor