



# 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
Last Amended on	-	Page	5 of 8

Measured Qty / Instrument	Range	*Calibration Measurement Capability ( $\pm$ )	Remarks
21. RPM (Tachometer) contact type	100rpm to 5000rpm	5.8% to 0.25%	Using RPM source by Direct method
22. SPEED (non contact)	100 rpm to 10000 rpm 10000 rpm to 20000 rpm	5.77% to 0.2% 0.2% to 0.25%	Using Digital Tachometer by comparison/Direct method
23. STOP WATCH (Digital / Mechanical)	10 sec.to 24 hrs.	0.5sec.	Using Digital Stop Watch by comparison/Direct method
<b><u>AT – SITE</u></b>			
<b><u>SOURCE</u></b>			
1. DC VOLTAGE	100mV to 10V 10V to 1000V	0.29% to 0.3% 0.3%	Using multifunction calibrator "Zeal" by Direct method
2. DC CURRENT	1mA to 100mA 100mA to 10A 10A to 800A	0.39% to 0.35% 0.35% to 1.85% 1.85%	Using multifunction calibrator "Zeal" by Direct method
3. AC VOLTAGE	50 Hz 100mV to 10V 10V to 750V	0.45% to 0.37% 0.37% to 0.46%	Using multifunction calibrator "Zeal" by Direct method
4. AC CURRENT	50 Hz 100mA to 10A 10A to 1000A	1.1% to 1.85% 1.85%	Using multifunction calibrator "Zeal" by Direct method

Convenor