



NABL

Department of Science & Technology, India

SCOPE OF ACCREDITATION

Laboratory	Belz Calibration Laboratory, Faridabad	Issue Date	01.07.2009
Accreditation Standard	ISO/IEC 17025: 2005	Valid Until	30.06.2011
Field	Mechanical Calibration	Page	6 of 7
Certificate Number	C-0100		
Last Amended on	--		

Quantity Measured / Instrument	Range	* Best Measurement Capability (\pm)	Remarks
	2 kg	0.58 g	Using M1 Class Weights
	5 kg	0.58 g	
	10 kg	0.58 g	
	20 kg	1.2 g	
	50 kg	5.4 g	
	100 kg	6.0 g	
45. VOLUME	Upto 200 μ l	0.038 μ l	Using E2 Class Weights & M1 Class Weights
	200 μ l to 1 ml	0.01 μ l	
	1 ml to 50 ml	0.03 μ l	
	50 ml to 200 ml	0.1 μ l	
	200 ml to 10 litre	1.04 ml	
46. BALANCE	Upto 20 g	0.09 mg	Using E2 Class Weights
	20 g to 200 g	0.35 mg	Using E2 Class Weights
	200 g to 10 kg	0.6 g	Using M1 Class Weights
	10 kg to 100 kg	7.0 g	Using M1 Class Weights
<u>ON SITE CALIBRATION</u>			
47. PROFILE PROJECTOR	0 to 150 mm	Linear Dimension 3.0 μ m Magnification 0.1% Angle Measurements 75 sec	Using Angle Gauge, Slip Gauge & Digital Caliper
48. SURFACE PLATE	6000 mm x 4000 mm	$0.7 \sqrt{\frac{L+W}{150}} \mu$ m Where L & W is in metres	Using Electronic Level
49. PRESSURE GAUGES (Digital/Analogue) (Pneumatic)	0 to 1.0 kg/cm ² 0 to 30 kg/cm ²	0.30 % FS 0.26 % FS	Using Pressure Indicator & Digital Pressure Gauge

Convenor