



NABL

Department of Science & Technology, India

SCOPE OF ACCREDITATION

Laboratory	Belz Calibration Laboratory, 5L-123, N.I.T., Faridabad	Issue Date	01.07.2011
Accreditation Standard	ISO/IEC 17025:2005	Valid Until	30.06.2013
Field	Mechanical Calibration	Page	6 of 9
Certificate Number	C-0100		
Last Amended on	-		

Measured Qty / Instrument	Range	*Calibration Measurement Capability (\pm)	Remarks
36. PROFILE PROJECTOR			
i) LINEAR DIMENSION	0 to 50 mm	2.7 μ m	Using Angle Gauges
ii) MAGNIFICATION	0 to 50 mm	0.1%	Using Slip Gauge &
iii) ANGLE MEASUREMENT	0 to 50 mm	75 s	Using Digital caliper
37. THREAD RING GAUGE (EFFECTIVE DIA. ONLY)	Upto 100 mm	3.4 μ m	Using Single Axis M/C
38. SOUND LEVEL METER	Single Point 94 dB	0.7 dB	Using Sound Calibrator
39. MASS	200 g	0.48 mg	Using E2 Class Weight
	100 g	0.15 mg	
	50 g	0.15 mg	
	20 g	0.096 mg	
	10 g	0.072mg	
	5 g	0.060 mg	
	2 g	0.048 mg	
	1 g	0.036mg	
	500 mg	0.036mg	
	200 mg	0.036mg	
	100 mg	0.036 mg	
	50 mg	0.015 mg	
	20 mg	0.012 mg	
	10 mg	0.010 mg	
	5 mg	0.010 mg	
	2 mg	0.010 mg	
	1 mg	0.010 mg	

Convenor