



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	4 of 7
Certificate Number	C-0100		
Last Amended on	--		

Quantity Measured / Instrument	Range	* Best Measurement Capability (\pm)	Remarks
31. ELECTRONIC PROBE	Upto 10 mm	0.4 μ m	Using Slip Gauge Grade 0
32. DIAL CALIBRATION TESTER L.C. 0.001 mm	Upto 25 mm	1.5 μ m	Using Slip Gauge Grade 0 & Electronic Probe
33. ANGLE PLATE	Upto 300 mm	9.2 μ m	Using Slip Gauge & Master Cylinder
34. SPIRIT LEVEL	100 μ m/m	8.8 μ m/m	Using Electronic Level
35. TEST SIEVES (Aperture Size)	40 μ m to 1000 μ m 2 mm to 50 mm 50 mm to 125 mm	10 μ m 20 μ m 30 μ m	Using Profile Projector Using Digital Caliper
36. SURFACE PLATE	6000 mm x 4000 mm	$0.7 \sqrt{\frac{L+W}{150}}$ μ m Where L & W is in mm	Using Electronic Level
37. TORQUE WRENCH	Upto 500 Nm	1.5 %	Torque Wrench Tester
38. PROFILE PROJECTOR	0 to 50 mm 0 to 50 mm 0 to 50 mm	Linear Dimension 2.7 μ m Magnification 0.1 % Angle Measurements 75 sec	Using Glass Scale, Slip Gauge & Angle Gauge
39. THREAD RING GAUGE (Effective Dia Only)	Upto 100 mm	3.4 μ m	Using Single Axis M/C
40. SOUND LEVEL METER Single point	94 dB	0.7 dB	Using Acoustic Calibrator

Convenor