



# 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        | 3 of 7     |
| Certificate Number     | C-0100                                 |             |            |
| Last Amended on        | --                                     |             |            |

| Quantity Measured / Instrument            | Range                           | * Best Measurement Capability ( $\pm$ )         | Remarks  |
|---|---------------------------------|---|--|
| 19. SNAP GAUGE                            | Upto 150 mm                     | 1.8 $\mu$ m                                     | Using Slip Gauge Grade 0                           |
| 20. MEASURING PIN GAUGE                   | Upto 50 mm                      | 1.5 $\mu$ m                                     | Using Single Axis M/c.                             |
| 21. FEELER GAUGE                          | Upto 1.0 mm                     | 1.5 $\mu$ m                                     | Using Single Axis M/c.                             |
| 22. FOILS                                 | Upto 1.0 mm                     | 1.5 $\mu$ m                                     | Using Single Axis M/c.                             |
| 23. DIAL THICKNESS GAUGE<br>L.C. 0.001 mm | Upto 50 mm                      | 1.5 $\mu$ m                                     | Using Slip Gauge Grade 0                           |
| 24. THREAD PLUG GAUGE                     | Upto 100 mm                     | 4.2 $\mu$ m                                     | Using Three Wire Set,<br>Micrometer                |
| 25. THREAD PITCH GAUGE                    | 0.40 to 6.0 mm                  | 7.0 $\mu$ m                                     | Using Profile Projector                            |
| 26. LENGTH GAUGE                          | Upto 100 mm<br>100 mm to 185 mm | 2.0 $\mu$ m<br>2.6 $\mu$ m                      | Using Single Axis M/c.                             |
| 27. SETTIG MASTER                         | 185 mm to 280 mm                | 2.6 $\mu$ m                                     | Using Single Axis M/c.                             |
| 28. STEEL SCALE                           | 0 to 1000 mm                    | 90 $\mu$ m                                      | Using Standard<br>Scale with DRO                   |
| 29. MEASURING TAPE                        | Upto 50 m                       | 90 $\sqrt{L}$ $\mu$ m<br>Where 'L' is in meters | Using Standard<br>Scale with DRO                   |
| 30. BEVEL PROTRACTOR                      | 0° to 180° to 0°                | 5.0 min   | Using Sine Bar,<br>Slip Gauge &<br>Master Cylinder |

Convenor