

**Laboratory** Neno Technical Services, MIG-493, Awas Vikas-Rudrapur, Uttarakhand

**Accreditation Standard** ISO/IEC 17025: 2005

**Certificate Number** CC-2757

**Page** 1 of 3

**Validity** 04.07.2018 to 03.07.2020

**Last Amended on** -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability ( $\pm$ )	Remarks
<b><u>MECHANICAL CALIBRATION</u></b>				
<b>I. DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)</b>				
1.	Dial/Digimatic Caliper <sup>#</sup> L.C.0.01mm	0 to 150 mm >150 mm to 600 mm	9.0 $\mu$ m 12.0 $\mu$ m	Using Caliper Checker & Slip Gauge Block
2.	External Micrometer <sup>#</sup> L.C.0.001mm	0 to 25 mm 0 to 100 mm	4.0 $\mu$ m 5.0 $\mu$ m	Using Slip Gauge Set
3.	Dial/Digimatic Height Gauge <sup>#</sup> L.C.0.01mm	0 to 300 mm 0 to 600 mm	9.0 $\mu$ m 10.0 $\mu$ m	Using Caliper Checker
4.	Plunger Type <sup>#</sup> Dial Gauge / Digimatic Indicator <sup>\$</sup> L.C.0.001mm	0 to 25 mm	2.7 $\mu$ m	Using Slip gauge set & comparator stand
5.	Plunger Type Dial Gauge/Digimatic Indicator <sup>\$</sup> L.C.0.01mm	0 to 50mm	5.0 $\mu$ m	Using Slip gauge set & comparator stand
6.	Lever Type Dial <sup>#</sup> Gauge L.C.0.001mm <sup>o</sup>	0 to 1 mm	2.2 $\mu$ m	Using Slip gauge set &

**Vishal Shukla**  
Convenor

**Avijit Das**  
Program Manager

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**Page** 2 of 3

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				comparator stand
7.	Dial Bore Gauge <sup>s</sup> (2 point ) (Transmission only)	0 to 2 mm	4.0 $\mu$ m	Using Slip gauge set & accessories & Plunger dial gauge
8.	Plain Plug Gauge <sup>s</sup>	Up to 100mm	3.0 $\mu$ m	Using Slip gauge set, comparator stand & dig plunger gauge
9.	Bevel Angle Protractor <sup>s</sup> L.C.1 min <sup>φ</sup>	0 to 90°	4.0 min	Using Angle Gauge Blocks
10.	Combination Set <sup>s</sup> L.C. 1°	0 to 180°	40min of arc	Using Angle Gauge Blocks
11.	Electronic Probe with DRO <sup>s</sup> L.C. 0.1 $\mu$ m	0 to 25 mm	1.70 $\mu$ m	Using Slip Gauge Set & Comparator Stand
12.	Snap Gauge <sup>s</sup>	0 to 100mm	4.0 $\mu$ m	Using Slip Gauge Set
13.	Inside Dial Caliper <sup>s</sup> L.C.0.001mm	0 to 200 mm	3.0 $\mu$ m	Using Slip gauge set & Accessories
16.	Thickness Gauge <sup>s</sup> L.C. 0.1mm	0 to 50 mm	10.0 $\mu$ m	Using Slip gauge set

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**Certificate Number** CC-2757 **Page** 3 of 3

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15.	Coating Thickness Gauge <sup>o/g</sup>	0 to 1000 $\mu$ m	3.0 $\mu$ m	Using Standard Foils

\* Measurement Capability is expressed as an uncertainty ( $\pm$ ) at a confidence probability of 95%

\$ Only in Permanent Laboratory

# The laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.

$\Phi$  Laboratory can also calibrate instruments/devices of coarser resolution / least count within the accredited range using same reference standard/ master equipment under the scope of accreditation.

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