

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
<u>MECHANICAL CALIBRATION</u>				
I. DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)				
1.	Dial/Digimatic Caliper# L.C.0.01mm	0 to 150 mm >150 mm to 600 mm	9.0 μ m 12.0 μ m	Using Caliper Checker & Slip Gauge Block
2.	External Micrometer # L.C.0.001mm	0 to 25 mm 0 to 100 mm	4.0 μ m 5.0 μ m	Using Slip Gauge Set
3.	Dial/Digimatic Height Gauge# L.C 0.01mm	0 to 300 mm 0 to 600 mm	9.0 μ m 10.0 μ m	Using Caliper Checker
4.	Plunger Type# Dial Gauge / Digimatic Indicator \$ L.C.0.001mm	0 to 25 mm	2.7 μ m	Using Slip gauge set & comparator stand
5.	Plunger Type Dial Gauge/Digimatic Indicator\$ L.C.0.01mm	0 to 50mm	5.0 μ m	Using Slip gauge set & comparator stand
6.	Lever Type Dial# Gauge L.C.0.001mm ϕ	0 to 1 mm	2.2 μ m	Using Slip gauge set &

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

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15.	Coating Thickness Gauge [§]	0 to 1000 μ m	3.0 μ 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.

^Φ 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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