

<b>Laboratory</b>	<b>Minda Industries Limited Laboratory, Village Nawada Fatehpur, Manesar, Distt. Gurgaon, Haryana</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Mechanical Calibration</b>	<b>Issue Date</b>	<b>23.02.2015</b>
<b>Certificate Number</b>	<b>C-0299</b>	<b>Valid Until</b>	<b>22.02.2017</b>
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Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability ( $\pm$ )	Remarks
<b>I. DIMENSION</b>			
<b>1. DIAL/DIGITAL/VENIER CALIPER<sup>\$</sup> L.C.: 0.01 mm<sup>Ø</sup></b>	0 to 200 mm 0 to 300 mm	16.76 $\mu$ m 20.4 $\mu$ m	Using Caliper Checker & Gauge Blocks by Comparison Method
<b>2. PLAIN PLUG GAUGES<sup>\$</sup></b>	$\varnothing$ 01 mm to $\varnothing$ 30 mm	4.1 $\mu$ m	Using Digital Micrometer by Comparison Method
<b>3. MICROMETER<sup>\$</sup> L.C.: 0.001 mm<sup>Ø</sup></b>	0 to 25 mm 25 mm to 150 mm	1.1 $\mu$ m 2.8 $\mu$ m	Using Gauge Block by Comparison Method
<b>4. DIAL INDICATOR<sup>\$</sup> L.C.: 0.01 mm</b>	0 to 20 mm	6.6 $\mu$ m	Using Dial Gauge Tester (Micrometer Head Type) By Comparison Method
<b>5. HEIGHT GAUGE<sup>\$</sup> L.C.: 0.01 mm<sup>Ø</sup></b>	0 to 300 mm	21.4 $\mu$ m	Using Slip Gauges Set, Caliper Checker, Lever Type Dial Gauges by Comparison Method
<b>6. DEPTH MICROMETER<sup>\$</sup> L.C.: 0.01 mm</b>	0 to 25 mm	7.5 $\mu$ m	Using Slip Gauges Set by Comparison Method

**Sangeeta Kunwar  
Convenor**

**Avijit Das  
Program Manager**

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	Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability ( $\pm$ )	Remarks
7.	PIN GAUGE SET <sup>\$</sup>	$\Phi$ 1.0 mm to $\Phi$ 15.0 mm	2.6 $\mu$ m	Using Digital Micrometer By Comparison Method
8.	FEELER GAUGE SET <sup>\$</sup>	0 to 1.0 mm	2.6 $\mu$ m	Using Digital Micrometer
9.	STANDARD THEREAD PLUG GAUGE <sup>\$</sup> (only Pitch Circle Dia)	M3 toM12	5.7 $\mu$ m	Using Three Wire Set & Digital Micrometer

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

<sup>\$</sup>Only in Permanent Laboratory

<sup>o</sup> 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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