

Laboratory	Delta Power Solutions India Pvt. Ltd., Pot No. 38, Sector -05, SIDCUL Rudrapur, Uttarakhand		
Accreditation Standard	ISO/IEC 17025:2005		
Discipline	Mechanical Calibration	Issue Date	15.01.2016
Certificate Number	C-0595	Valid Until	14.01.2018
Last Amended on	18.01.2016	Page	1 of 2

Quantity Measured / Instrument	Range/ Frequency	* Calibration Measurement Capability (\pm)	Remarks
I. DIMENSION			
1. DIGITAL / VERNIER CALIPER[§]			
L.C.: 0.01 mm ^o	0 to 300 mm	12 μ m	Using Slip Gauge "0" Grade & Caliper Checker
L.C. : 0.01 mm	0 to 600 mm	14 μ m	
2. EXTERNAL MICROMETER[§]			
L. C. : 0.001 mm ^o	0 to 25 mm	1.0 μ m	Using Slip Gauge "0" Grade
3. THREAD PLUG GAUGE[§]			
	M2 to M12	4.0 μ m	Using Thread Measuring Wire & Digital Micrometer
4.. HEIGHT GAUGE[§]			
L.C.: 0.01 mm	0 to 600 mm	14.0 μ m	Using Caliper Checker
5. FEELER GAUGE[§]			
	0.03 mm to 1.0 mm	3.0 μ m	Using Digital Micrometer
6. V BLOCK_v			
Parallelism Working Face	Upto 150 mm	3.6 μ m	Using Dial Test Indicator with Height Gauge
Parallelism V Axis	Upto 150 mm	3.6 μ m	Using Test Mandrel, Dial Indicator With Height Gauge
Symmetry Error	Upto 150 mm	3.6 μ m	Using Test Mandrel, Dial Indicator With Height Gauge
II. PRESSURE AND VACUUM			
1. PRESSURE GAGUE[§]			
	0 to 100 kgf/cm ²	0.3 kgf/cm ²	Using Digital Pressure Gauge With Comparator

Ram Ashray
Convenor

Avijit Das
Program Manager

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III. TORQUE			
1. TORQUE SCREW DRIVER^{\$}	0.81 Nm to 4.41 Nm	2.7 %	Using Digital Torque Meter

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

^{\$}Only in Permanent Laboratory

Ram Ashray
Convenor

Avijit Das
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