

Laboratory

Sri Sai Calibrations, Plot No. 65, Block-D Expn, Autonagar,
Gajuwaka, Visakhapatnam, Andhra Pradesh

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number

CC-2861

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Validity

10.10.2018 to 09.10.2020

Last Amended on -

	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>MECHANICAL CALIBRATION</u>				
I.	DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)			
1.	Dial Gauge Plunger / Lever type [§] (Digital/ Mechanical) L.C.: 0.01 mm	0 to 25 mm	2.4 μ m	Using Dial Calibration Tester
2.	Bore Gauge [§] (For Transmission) L.C.: 0.01 mm	0 to 25 mm	6.1 μ m	Using Dial Calibration Tester
3.	Measuring Scale [§] L.C.: 0.01 mm	0 to 1000 mm	302 μ m	Using Measuring Scale & Tape Calibration System
4.	Measuring Tape [§] L.C.: 1 mm	0 to 1500 mm	465 μ m	Using Measuring Scale & Tape Calibration System
5.	Vernier Calipers [§] (Digital/Mechanical/ Dial) L.C.: 0.01 mm	0 to 1000 mm	50.7 μ m	Using Caliper Checker, Slip Gauge Set Gr '0', Optical Flat & Digimatic Micrometer
6.	Vernier Depth Gauge [§] L.C.: 0.02 mm	0 to 250 mm	11 μ m	Using Slip Gauge Set Grade '0' And Optical Flat
7.	Depth Micrometer [§] L.C.: 0.01 mm	0 to 300 mm	11 μ m	Using Slip gauge set grade '0' and Optical Flat

Shally Sharma
Convenor

Anuja Anand
Program Manager

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8.	Vernier Height Gauge [§] (Digital/ Mechanical) L.C.: 0.01 mm	0 to 600 mm	16 μ m	Using Caliper Checker, Slip Gauge Set Grade '0' and Optical Flat
9.	External Micrometer [§] (Digital/ Mechanical) L.C.: 0.001 mm	0 to 300 mm	13.3 μ m	Using Slip gauge set Grade '0', Optical Flat & Parallels
10.	Feeler Gauge [§]	0.03 mm to 1 mm	5.9 μ m	Using Digimatic Micrometer
II.	PRESSURE INDICATING DEVICES			
1.	Hydraulic Pressure [§] (Digital Pressure Gauge/ Pressure Indicating Devices)	20 bar to 1000 bar	0.09% rdg.	Using Dead Weight Tester By Direct/ Comparison Method As per DKD-R 6-1
2.	Vacuum Gauges [§]	(-) 0.85 bar to 0 bar	0.019 bar	Using Pressure Calibrator By Direct /Comparison method As per DKD-R 6-1

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

[§]Only in Permanent Laboratory

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