Laboratory	**Glacier Tek Service, Shed No. 123, Neelkanth Industrial Park, Ambica Mill Tube Compound, Vatva, Ahmedabad, Gujarat**
Accreditation Standard	**ISO/IEC 17025: 2005**
Certificate Number	**CC-2835** **Page 1 of 3**
Validity	**26.09.2018 to 25.09.2020** **Last Amended on 21.01.2019**

	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
	MECHANICAL CALIBRATION			
I.	**PRESSURE INDICATING DEVICES**			
1.	Digital Pressure Gauge/ Magnehellic Pressure Gauge[$]	(-) 0.0196 bar to 0.0196 bar *((-) 200mm WC to 200 mm WC)*	0.0004 bar (4.1 mm WC)	Using Low Pressure Calibrator By Comparison Method As per DKD R-6-1
2.	**Pneumatic Pressure** Digital Pressure Gauge/ Analogue Pressure Gauge[$]	0 to 20 bar	0.06 bar	Using Digital Pressure Gauge By Comparison Method As per DKD R-6-1
3.	**Hydraulic Pressure** Digital Pressure Gauge/ Analogue Pressure Gauge[$]	0 to 250 bar 250 bar to 700 bar	0.7 bar 0.5 bar	Using Digital Pressure Gauge By Comparison Method As per DKD R-6-1
4.	Digital Vacuum Gauge/ Analogue Vacuum Gauge[$]	(-) 0.85 bar to 1.0 bar	0.3 bar	Using Digital Compound Gauge By Comparison Method As per DKD R-6-1
II.	**DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)**			
1.	Caliper[$] (Vernier/ Dial) L.C.: 0.01 mm	0 to 300 mm	10 µm	Using Caliper Checker
2.	External Micrometer[$] L.C.: 0.001 mm	Up to 150 mm	3.5 µm	Using Gr. 0 Slip Gage Set

Shally Sharma
Convenor

Avijit Das
Program Manager

	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
3.	Height Gauge[$] (Vernier /Dial Digital) L.C.: 0.01 mm	0 to 600 mm	15.0µm	Using Caliper Checker & Surface Plate
4.	Depth Caliper[$] L.C.: 0.01 mm	0 to 300 mm	10.0µm	Using Slip Gauge, Gauge Block, & Caliper Checker

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	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
	THERMAL CALIBRATION			
I.	**TEMPERATURE**			
1.	Temperature Sensor (with /without Indicator), Digital Thermometer, Analogue Temperature Gauge[$]	(-) 20˚C to 300 ˚C	1.18˚C	Using RTD with Indicator, Dry Block Temperature Bath By Comparison Method
2.	Temperature Sensor (with /without Indicator), Digital Thermometer, Analogue Temperature Gauge[$]	300 ˚C to 600 ˚C	2.06˚C	Using S type T/C with Indicator with Dry block Temperature bath By Comparison Method

*** Measurement Capability is expressed as an uncertainty (±) at a confidence probability of 95%**
[$]Only in Permanent Laboratory

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