Laboratory	**Aarush Testing and Calibration Lab, # 75-J, Hootagalli Industrial Area, Mysore, Karnataka**
Accreditation Standard	**ISO/IEC 17025: 2005**
Certificate Number	**CC-2477** **Page 1 of 2**
Validity	**06.12.2017 to 05.12.2019** **Last Amended on 16.03.2018**

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
	MECHANICAL CALIBRATION			
I.	**DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)**			
1.	Calipers[$] (Analog/Digital/Dial) L.C.: 0.01 mm	Up to 600 mm	18.0 µm	Using Caliper Checker By Comparison Method
2.	External Micrometer[$] (Analog/Digital/Dial) L.C.: 0.001 mm	Up to 200 mm	6.4 µm	Using Grade “0” Gauge Blocks By Comparison Method
II.	**PRESSURE INDICATING DEVICES**			
1.	Pressure Gauges[♣] (Analog & Digital)	0 to 600 bar	0.40 bar	Using Yash International YG 310- Digital Pressure Gauge By Comparison Method as per DKD-R6-1
2.	Vacuum Gauges[♣] (Analog & Digital)	(-) 0.85 bar to 0	0.006 bar	Using Vacuum Gauge Pneumatic By Comparison Method as per DKD-R6-1

Shally Sharma
Convenor

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Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
	THERMAL CALIBRATION			
I.	**TEMPERATURE**			
1.	RTD – PT100 (With & Without Indicator) & Analog Temperature Gauge♣	0°C 30 °C to 300 °C	0.8 ºC 0.8 ºC	Using Tempsens PT-100, YOKOGAWA-CA71 and Dry Block Calibrator By Comparison Method
2.	Thermocouple – (With & Without Indicator) & Analog Temperature Gauge♣	30 °C to 300 °C 300 °C to 600 °C	0.8 ºC 2.0 ºC	Using S Type, YOKOGAWA- CA71 and Dry Block Calibrator By Comparison Method

*** Measurement Capability is expressed as an uncertainty (±) at a confidence probability of 95%**
$Only in Permanent Laboratory
♣Only for Site Calibration

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