

Laboratory Aarush Testing and Calibration Lab, # 75-J, Hootagalli Industrial Area, Mysore, Karnataka

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number CC-2477

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Validity 06.12.2017 to 05.12.2019

Last Amended on 16.03.2018

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability ( $\pm$ )	Remarks
<b><u>MECHANICAL CALIBRATION</u></b>				
<b>I.</b>	<b>DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)</b>			
1.	Calipers <sup>§</sup> (Analog/Digital/Dial) L.C.: 0.01 mm	Up to 600 mm	18.0 $\mu$ m	Using Caliper Checker By Comparison Method
2.	External Micrometer <sup>§</sup> (Analog/Digital/Dial) L.C.: 0.001 mm	Up to 200 mm	6.4 $\mu$ m	Using Grade "0" Gauge Blocks By Comparison Method
<b>II.</b>	<b>PRESSURE INDICATING DEVICES</b>			
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

Avijit Das  
Program Director

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<b><u>THERMAL CALIBRATION</u></b>				
<b>I.</b>	<b>TEMPERATURE</b>			
1.	RTD – PT100 (With & Without Indicator) & Analog Temperature Gauge*	0°C 30 °C to 300 °C	0.8 °C 0.8 °C	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 °C 2.0 °C	Using S Type, YOKOGAWA- CA71 and Dry Block Calibrator By Comparison Method

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

§Only in Permanent Laboratory

\*Only for Site Calibration

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