Laboratory	Masters Calibration Services, No. 26, 2 nd Floor, 3 rd Cross, Nrupathunga Layout, JP Nagar, 7 th Phase, Bangalore, Karnataka		
Accreditation Standard	ISO/IEC 17025: 2005		
Certificate Number	CC-2449	Page	1 of 3
Validity	15.11.2017 to 14.11.2019	Last Amended on -	

SI.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks		
	MECHANICAL CALIBRATION					
Ι.	PRESSURE INDICATI					
1.	Pressure Pneumatic Dial and Digital Pressure Gauges [#]	0 to 51 mbar 0 to 20 bar	0.07 mbar 0.067 bar	Using Digital Pressure Indicators With Pneumatic Pumps		
2.	Pressure Hydraulic Dial and Digital Pressure Gauges [#]	0 to 700 bar	0.64 bar	Using Digital Pressure Indicators With Hydraulic Pumps		
3. Vao Dia Pre	Vacuum Dial and Digital Pressure Gauges [#]	(-) 51 mbar to 0 mbar	0.094 mbar	Using Digital Vacuum Indicators With Vacuum		
		(-) 0.8 bar to 0 bar	0.02 bar	Pump By Comparison method Based on DKD- R-6 -1 And NABL 122-13		

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SI.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks	
	THERMAL CALIBRATION				
Ι.	TEMPERATURE				
1.	RTDs Thermocouples With/ Without Indicator Temperature Controllers [#]	25 °C to 300 °C	0.6 °C	Using Paperless Recorder-Brain Child – VR18 , Temperature Calibrator, SSPRT Sensor By Comparison Method	
		300 °C to 650 °C	1.35 ℃	Using Paperless Recorder-Brain Child – VR18 , Temperature Calibrator, SSPRT Sensor By Comparison Method	
2.	Liquid In Glass Thermometer Dial Thermometer With & Without Indicator ^{\$}	25 °C to 100 °C	0.63 ℃	Using Paperless Recorder-Brain Liquid Bath, SSPRT Sensor By Comparison method	

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SI.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (±)	Remarks
3. Oven/Furnace Environmenta Chambers/ Refrigerators/ Freezers/ Temperature Enclosures-Ro Temperature Measurement	Oven/Furnace/ Environmental Chambers/ Refrigerators/ Freezers/	25 °C to 400 °C Single point	1.3 ºC	Using Paperless Recorder RTD /N-Type Thermocouple (one No) By Comparison Method
	Temperature Enclosures-Rooms Temperature Measurements [*]	25 °C to 400 °C Multi Point (Minimum 9 Points)	1.3 ºC	Using Paperless Recorder Temperature sensor RTDs & N type Thermocouples

* Measurement Capability is expressed as an uncertainty (±) at a confidence probability of 95%
^{\$}Only in Permanent Laboratory
*Only for Site Calibration
The laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.