

Laboratory Sams Advanced Climatic Technologies Private Limited, Plot No. 8 & 9B/29, Phase- IDA Patancheru, Bandlaguda, Hyderabad, Medak District, Telangana

Accreditation Standard ISO/IEC 17025: 2017

Certificate Number CC-2943

Page 1 of 2

Validity 21.01.2019 to 20.01.2021

Last Amended on -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>MECHANICAL CALIBRATION</u>				
I.	ACOUSTICS			
1.	Sound Level Meter ^s	1 kHz 94 dB & 114 dB	1.10 dB	Using Sound Level Calibrator by Comparison Method

Mohit Kaushik
Convenor

Avijit Das
Program Manager

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<u>THERMAL CALIBRATION</u>				
I.	TEMPERATURE			
1.	Temperature (Mapping) Chamber / Climatic Chamber / Stability Chamber [#]	(-) 70 ⁰ C to 200 ⁰ C	1.27 ⁰ C	Using PT-100 RTD with Data Logger & Multi Sensor/Multiposition Calibration
2.	Indicator of RH Chambers at Different Temperature [#]	15 % RH to 95 % RH at 10 ⁰ C to 60 C ⁰ C	2.60% RH	Using Digital Thermo-hygrometer at single specified position

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

^s Only in Permanent Laboratory

[#] The laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.

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