

Laboratory	Electronics Test and Development Centre, Housefed Complex, Central Block, 1st & 2nd Floor, Beltola-Basistha Road, Dispur, Guwahati, Assam		
Accreditation Standard	ISO/IEC 17025:2005		
Discipline	Thermal Calibration	Issue Date	20.11.2014
Certificate Number	C-0527	Valid Until	19.11.2016
Last Amended on	-	Page	1 of 1

Quantity Measured / Instrument	Range/ Frequency	* Calibration Measurement Capability (\pm)	Remarks
1. TEMPERATURE			
I. TEMPERATURE^{\$}	(-) 50 °C to 30 °C	0.21 °C	Using Liquid Temperature Baths & SPRT, DMM
	>30 °C to 300 °C	1.0 °C	Using Liquid Temperature Baths & Dry Block 5150/51502
	>300 °C to 1000 °C	2.23 °C	Using Dry Block Calibrators SPRT/S Type T/C, DMM
TEMPERATURE[*]	30 °C to 300 °C	0.85 °C	Using Liquid Temperature Baths & Dry Block PRT, DMM 5150/51502
	>300 °C to 1000 °C	2.23 °C	Using Dry Block Calibrators & PRT/S Type T/C, DMM

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

^{\$}Only in Permanent Laboratory

^{*}Only for Site Calibration

Vishal Shukla
Convenor

Avijit Das
Program Manager