

**Laboratory** MK Best Calibration Services, No: 27, F-2,1st Floor, 2nd street,  
Varalakshmi Nagar, P. H. Road, Maduravoyal, Chennai, Tamil Nadu

**Accreditation Standard** ISO/IEC 17025:2005

**Discipline** Electro-Technical Calibration **Issue Date** 06.08.2015

**Certificate Number** C-1097 **Valid Until** 29.07.2016

**Last Amended on** 07.08.2015 **Page** 1 of 1

Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability ( $\pm$ )	Remarks
<b>I. TEMPERATURE SIMULATION<sup>#</sup></b>			
<b>Indicator/ Controller, Scanner, Recorder</b>			
<b>THERMOCOUPLE</b>			
<b>J Type</b>	-200 °C to 750 °C	0.92 °C	Using Radix Universal Calibrator by Direct Method
<b>K Type</b>	-200 °C to 1340 °C	0.92 °C	
<b>T Type</b>	0 °C to 400 °C	1.05 °C	
<b>E Type</b>	0 °C to 800 °C	1.05 °C	
<b>S Type</b>	30 °C to 1700 °C	1.14 °C	
<b>R Type</b>	30 °C to 1700 °C	1.14 °C	
<b>PT 100</b>	-190 °C to 800 °C	1.20 °C	Using R & D Universal Signal Calibrator by Direct Method
<b>2. DC VOLTAGE<sup>#</sup></b>	10 mV to 200 mV 1 V to 10 V	0.17 mV 0.2 V	Using Universal Signal Calibrator by Direct Method
<b>3. TIMER/ STOP WATCH<sup>\$</sup></b> ( Analog/ Digital)	1 min to 2 Hrs	1.65 Sec	Using Digital Stop Watch by Comparison Method

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

<sup>\$</sup>Only in Permanent Laboratory

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

**Neeraj Verma**  
Convenor

**Avijit Das**  
Program Manager