

Laboratory Krishna Calibration, 0/41/3, Sarkhej, Ahmedabad, Gujarat
Accreditation Standard ISO/IEC 17025:2005
Discipline Electro-Technical Calibration **Issue Date** 20.10.2014
Certificate Number C-1146 **Valid Until** 19.10.2016
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Quantity Measured / Instrument	Range/ Frequency	* Calibration Measurement Capability (\pm)	Remarks
1. STOP WATCH, DIGITAL CLOCK, TIMER, SYNCHRONIZATION CLOCK#	1 min to 10 h	0.52 s	Using Digital Stop Watch by Comparison Method
2. TEMPERATURE SIMULATION# (Indicator, Controller, Recorder)			
RTD Type	(-) 200 °C to 600 °C	0.42 °C	Using Universal Calibrator
Thermocouple Type			
T Type	(-) 20 °C to 400 °C	1.17 °C	
K Type	200 °C to 1200 °C	1.43 °C	
<u>SOURCE</u>			
1. DC VOLTAGE#	0 mV to 20 mV 20 mV to 60 mV 60 mV to 200 mV 200 mV to 10 V	0.028 mV 0.036 mV 0.045 mV 0.004 V	Using Universal Calibrator by Direct Method
2. DC CURRENT#	4 mA to 20 mA	0.13 mA	Using Universal Calibrator by Direct Method

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

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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