



NABL

National Accreditation Board for Testing and Calibration Laboratories

Department of Science & Technology, India

CERTIFICATE OF ACCREDITATION

TESPA CALIBRATION CENTRE

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2005

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

SP 145, 1st Main Road, Ambattur Industrial Estate, Chennai

in the field of

THERMAL CALIBRATION

(You may also visit NABL website www.nabl-india.org to view the scope of accreditation)

Certificate Number C-0647

Issue Date 19/05/2012



Valid Until 18/05/2014

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the additional requirements of NABL.

Signed for and on behalf of NABL


Alok Jain
Convenor


Anil Relia
Director


Dr. T. Ramasami
Chairman



NABL

Department of Science & Technology, India

SCOPE OF ACCREDITATION

Laboratory Tespa Calibration Centre, SP 145, 1st Main Road, Ambattur Industrial Estate, Chennai

Accreditation Standard ISO/IEC 17025:2005

Field Thermal Calibration Issue Date 19.05.2012

Certificate Number C-0647 Valid Until 18.05.2014

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Measured Qty / Instrument	Range/ Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>AT LABORATORY</u>			
1. RTDs, TCs, TEMPERATURE SENSOR WITH AND WITHOUT INDICATORS, DIAL THERMOMETERS	50 °C to 300 °C	0.52 °C	Using RTD-PT100 sensor, DMM – HP34401A & Dry Block Calibrator MTC 650 by Comparison Method
	300 °C to 400 °C	1.3 °C	Using RTD Sensor with PID 330 Indicator and Dry Block Calibrator
<u>AT SITE</u>			
1. RTDs, TCs, TEMPERATURE SENSOR WITH AND WITHOUT INDICATORS, DIAL THERMOMETERS	50°C to 400°C	1.3°C	Using RTD Sensor with PID 330 Indicator by Comparison Method
	400°C to 600°C	1.6°C	Using K type TC Sensor with built in External Indicator of MTC650 by Comparison Method

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

Convenor