



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005  
& ANSI/NCSL Z540-1-1994

CHECKPOINT – TEMPSYS, INC.  
5701 Hollis Street  
Emeryville, CA 94608  
Joel Cunningham Phone: 415 992 3731

CALIBRATION

Valid To: June 30, 2014

Certificate Number: 3025.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations<sup>1</sup>:

I. Thermodynamics

Parameter/Equipment	Range	CMC <sup>2</sup> (±)	Comments
Temperature – Measure			
T Type TC Probes	(-74 to 125) °C	0.55 °C	Hart Scientific PRT 5627A (in Tenney Chamber)
500 Ω ULT Thermistor	-82 °C (-82 to -40) °C	0.30 °C 0.30 °C	Hart Scientific PRT 5627A (in Tenney Chamber)
10 kΩ STD Thermistor	(2 to 40) °C (2 to 8) °C (-40 to -50) °C	0.11 °C 0.10 °C 0.25 °C	Hart Scientific PRT 5627A (in water bath)
Relative Humidity – Measure	(>10 to <70) % RH	3.0 % RH	Vaisala HMP75B Probe w/ MI70 Measuring Indicator (in Tenney Chamber)

<sup>1</sup> This laboratory does not offer commercial calibration service.

<sup>2</sup> Calibration and Measurement Capability (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. Calibration and Measurement Capabilities represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of  $k = 2$ . The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.



American Association for Laboratory Accreditation

# Accredited Laboratory

A2LA has accredited

## CHECKPOINT BY TEMPSYS

*Emeryville, CA*

for technical competence in the field of

### Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).

Presented this 27<sup>th</sup> day of August 2012.



  
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President & CEO

For the Accreditation Council  
Certificate Number 3025.01  
Valid to June 30, 2014

*For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.*