

DURO-SENSE CORPORATION

869 Sandhill Ave, Carson, CA 90746

Phone: (310) 533-6877 Fax: (310) 533-0330

TO: Southwest Research Institute

Date:

March 19, 2009

9503 W. Commerce

Calib No.: Cust. P.O.: 68585

Shipping & Receiving Bldg. 242 San Antonio, TX 78227-1301

A23544M Calibration Cycle: 6 Months

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CALIBRATION CERTIFICATE

This will certify that your Type 'K' T/C Assy # LC-24-KK-TEX/TEX-360 was/were calibrated I.A.W. calibration procedure 26.00 Rev. A on March 19, 2009 against our standard, which is traceable to the National Institute of Standards Technology. Re-Calibration should occur no later than September 19, 2009.

Characterization/Condition of Calibrated Item(s):New

Ambient Temperature:

72.00°F

Furnace Atmosphere:

Air

Humidity:

44.00%

Temperature Points:

20°C, 40 °C, 60 °C, 80 °C, 100 °C

Lot #:

22768-T-1

CALIBRATION RESULTS ARE AS FOLLOWS:

Standard Correction	Actual	Correction	Standard	Actual	Correction	Standard	Actual	Correction	Standard	Actual	
Correction	Reading			Reading			Reading				Reading
33											
20°C	19.8°C	+0.2°C									
40°C	39.8°C	+0.2°C									
60°C	59.6°C	+0.4°C									
80°C	79.4°C	+0.6°C									
100°C	99.4°C	+0.6°C									

Calibration procedure 1.A.W. ISO 10012:2003, ANSI/NCSL Z540-1-1994, AMS 2750D,ASTM E 220-02, ASTM E 230-3, ASTM E 207-00 and any additional requirements imposed by purchase order or contract. The results listed above relate only to the items calibrated and have no relation to any other items. The calibration of thermocouples is subject to change during use. The amount of change depends on factors such as temperature, time, and condition of use. Total uncertainty of readings is less Than .01%. Accuracy I.A.W. industry standards noted in calibration procedure 26.8. This certificate shall not be reproduced except in full, without the written approval of the laboratory.

N.I.S.T. Recertification Date: January 8, 2010 Leeds and Northrup K-5: Model 7555 Precision Potentiometer S/N: 1752900 Eppley Standard Cell: Model 100 - S/N 700851 Cage Code: 58042 Master Std. Thermocouple: Type 'S'

N.I.S.T. Test Numbers: 277695

We hereby certify that the above is a true copy of our records. **DURO-SENSE CORPORATION**

Quality Control Department