DURO-SENSE CORPORATION
869 Sandhill Ave, Carson, CA 90746
Phone: (310) 533-6877 Fax: (310) 533-0330

TO: **Southwest Research Institute**
9503 W. Commerce
Shipping & Receiving Bldg. 242
San Antonio, TX 78227-1301

Date: **March 19, 2009**
Calib No.: **68585**
Cust. P.O.: **A23544M**
Calibration Cycle: **6 Months**
Page: **1 of 1**

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 #: **18990-P-1**

CALIBRATION RESULTS ARE AS FOLLOWS:

Standard	Actual Reading	Correction	Standard	Actual Reading	Correction	Standard	Actual Reading	Correction	Standard	Actual Reading	Correction
32											
20°C	19.9°C	+0.1°C									
40°C	39.7°C	+0.3°C									
60°C	59.7°C	+0.3°C									
80°C	79.5°C	+0.5°C									
100°C	99.6°C	+0.4°C									

Calibration procedure I.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**	**We hereby certify that the above is a true copy of our records.**
Leeds and Northrup K-5: **Model 7555**	**DURO-SENSE CORPORATION**
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**	Quality Control Department

asset #: 05626