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of this calibration relate only to the instrument described above at the time of calibration and does not imply any long term stability of the instrument.

\*Determined by the customer, does not imply the instrument will remain within tolerance as any number of factors may cause an out-of-tolerance condition before this date. \*\*Found/Left = adjustment and/or repair was not required, As Left = adjusted and/or repaired was required. The client has sole responsibility for determination of in-/out-of-tolerance or compliance/noncompliance. See Remarks or attached Measurement Report with the same Work Order number for data.

Reported uncertainty calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" (GUM) and represents an expanded uncertainty with a coverage factor of k=2 to approximate a 95% confidence level. **Remarks:** Cal'd @ 0°C and 150°C

## Standards Used

Asset No.	Serial No.	Manufacturer	Model	Description	Cal Due			
009137	A21208	HART SCIENTIFIC	1575	SUPER THERMOMETER	Jun 27, 07			
010281	0421	HART SCIENTIFIC	5628	SPRT	Nov 30, 08			
010814	A44625	HART SCIENTIFIC	1529	THERMOCOUPLE THERMOMETER	Oct 17, 07			

Reviewed by: blt nwc

Measurements by: Bob Trollinger

Metrology Technician

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## Southwest Research Institute Calibration Laboratory Measurement Report

Work Order:	303073848	Mfr.	DURE-SENSE	DURE-SENSE		blt			
Asset No:	012155	Model	Туре К						
Serial No:	012155	Туре	Thermocouple		Cal Date	2-Apr-07			
Remarks:	Limits taker	from ASTM E2	230-02 and are ba	sed on brand r	new unused therr	nocouples.			
Limited Cal - tested at 0.0 and 150 C									
Function/Range	Test Point	TI Read	Difference	+/-Limit	+/-Uncertainty	Found/Left			
Temperature	°C	°C	°C	°C	°C	Result			
•	0.073	0.29	-0.22	2.2	0.19	Pass			
	149.921	152.04	-2.12	2.2	0.30	Pass			
END OF REPORT									

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