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\*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 17, 08
010814	A44625	HART SCIENTIFIC	1529	THERMOCOUPLE THERMOMETER	Oct 16, 08
013908	1641	HART SCIENTIFIC	5628	SPR.T	Feb 20, 10

Reviewed by: (1/) srk mar

Measurements by: Bob Trollinger Metrology Technician

Page 1 of 1

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## Southwest Research Institute Calibration Laboratory Measurement Report

Work Order:	303080578	Mfr.	DURO-SENSE		Technician	blt				
Asset No:	012148	Model	Туре К							
Serial No:	012148	Туре	Thermocouple		Cal Date	16-Apr-08				
Remarks:	Limits taken from ASTM E230-02 and are based on brand new unused thermocouples.									
	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				
	0.170	0.50	-0.33	2.2	0.19	Pass				
	150.150	152.00	-1.85	2.2	0.30	Pass				
END OF REPORT										

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