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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 -20 to 200 °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

Measurements by: Bob Trollinger Metrology Technician

Reviewed by: (') wgh (srk () jrg () blt () pwc Metrology Technician m:\a2la1.rpt Rev date August 15, 2005

Southwest Research Institute Calibration Laboratory Measurement Report

Work Order: Asset No: Serial No:	303073841 012178 12159	Mfr: Model: Type:	DIGI-SENSE THERMOCOUF TYPE K	PLE PROBE	Technician: Cal Date:	blt 05-Apr-07			
Remarks: Limits taken from ASTM E230-02 and are ba			sed on brand i						
Limited Cal - tested at -20 to 200°C									
Function/Range	Test Point	TI Read	Difference	+/-Limit	+/-Uncertainty	Found/Left			
Temperature	°C	°C	°C	°C	°C	Result			
	-19.837	-20.02	0.18	2.2	0.19	Pass			
	0.079	-0.15	0.23	2.2	0.30	Pass			
	50.018	50.09	-0.07	2.2	0.30	Pass			
	99.861	100.32	-0.46	2.2	0.30	Pass			
	150.051	150.64	-0.59	2.2	0.30	Pass			
	210.357	210.67	-0.31	2.2	0.93	Pass			
END OF REPORT									

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