R		EST RESEA 6220 Culebra Road, P.C Institute Quality Institute Calibration	Systems					
I BZ	Ъ́Д I	Phone: 210-522-5215 F		ACCREDITED				
	®	Certificate of C	Calibration	Certificate # 0972-01				
Submitte	ed By: DIV20		Work Order: 30307	2414				
	dress: B57		Date Issued: Jan 5,					
Co	ntact: DON BANNON		Calibration Date: Jan 5, 2007					
	Iodel: FLUKE / Type K		*Calibration Due: Jan 5, 2008					
	ption: THERMOCOUPLE		Calibration Location: Bldg. 64					
	al No: 10639		Environment: Temp. 73.0°F Hum. 40 %RH					
	et No: 010639	DEG CHINE 2000	**Data Type: FOUN	ID-LEFT				
1	edure: TEMPERATURE PRO		DivID/Location: N/A nology (NIST) and the International System of Uni					
product endorsement b of this calibration relate *Determined by the cur this date. **Found/Lef determination of in-/ou Reported uncertainty cr uncertainty with a cove Remarks: Ambient Or	y Southwest Research Institute, Ar e only to the instrument described a stomer, does not imply the instrum 't = adjustment and/or repair was n t-of-tolerance or compliance/nonco alculated in accordance with the IS rage factor of k=2 to approximate	nerican Association for Labo above at the time of calibration ent will remain within tolerar ot required, As Left = adjuste compliance. See Remarks or a O "Guide to the Expression of	Institute Calibration Laboratory. This certificate sl ratory Accreditation (A2LA) or any agency of the on and does not imply any long term stability of the nee as any number of factors may cause an out-of-ted and/or repaired was required. The client has sol attached Measurement Report with the same Work of Uncertainty in Measurement" (GUM) and repres	U. S. Government. Results e instrument. colerance condition before e responsibility for Order number for data.				
Standards Used								
Asset No. Serial No. 009917 604420	Manufacturer HART SCIENTIFIC	Model 5612	Description	Cal Due				
012305 A51826	HART SCIENTIFIC	1502A	RTD TEMPERATURE READOUT	Apr 06, 07 Apr 06, 07				
	>							
	Cab		Barrison) lung				
Reviewed by off () jr	g() pwc(s) wgh()	_	Measurements by: Bob Trolling					
Reviewed by off () jr Metrology Technician m:a2la1.rpt Rev date Augus		_						

Southwest Research Institute Calibration Laboratory Measurement Report

Work Order:	303072414	Mfr.	Fluke	· · · · · · · · · · · · · · · · · · ·	Technician	blt			
Asset No.	010639	Model	Туре К						
Serial No.	10639	Type.	Thermocouple		Cal Date.	05-Jan-07			
Remarks: Accuracy based on ASTM									
E230-02 (K TC= ±3.96°F)									
Ambient Only									
Function/Range	Test Point	TI Reading	Difference	+/-Limit	+/-Uncertainty	Found/Left			
Temperature	° F	°F	° F	°F	° F				
·	77.574	77.02	-0.56	3.96	0.11	Pass			
END OF REPORT									

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