SR			EST RESEAR 6220 Culebra Road, P.O. Institute Quality S Institute Calibration Phone: 210-522-5215 Fay	Systems Laboratory	ACCREDITED					
	®		Certificate of Ca	libration	Certificate # 0972-01					
	Submitted By:		Work Order: 303072413 Date Issued: Jan 5, 2007							
	Address:			· · ·						
Manı	ufacturer / Model:	DON BANNON	Calibration Date: Jan 5, 2007 *Calibration Due: Jan 5, 2008							
Wiam		THERMOCOUPLE	Calibration Location: Bldg. 64							
	Serial No:			Environment: Temp. 73.0°F Hum. 40 %RH						
Asset No: 010638				**Data Type: FOUND-LEFT						
	Procedure:	TEMPERATURE PRO	DBES - 5 JUNE, 2006	DivID/Location: N/A						
be reprod product of of this ca *Determ this date determin Reported	duced, except in full, endorsement by South alibration relate only t ined by the customer, . **Found/Left = adju- ation of in-/out-of-tol d uncertainty calculate	without the written approv awest Research Institute, A o the instrument described does not imply the instrum astment and/or repair was a erance or compliance/nonc	al of the Southwest Research In: merican Association for Labora above at the time of calibration nent will remain within toleranc not required, As Left = adjusted compliance. See Remarks or att SO "Guide to the Expression of	nt requirements of the ISO 9000-2000 standard stitute Calibration Laboratory. This certificate tory Accreditation (A2LA) or any agency of the and does not imply any long term stability of t e as any number of factors may cause an out-of and/or repaired was required. The client has so ached Measurement Report with the same Wor Uncertainty in Measurement" (GUM) and repre-	shall not be used to claim e U. S. Government. Results he instrument. -tolerance condition before ble responsibility for k Order number for data.					
	s: Ambient Only									
	-									
Standar	rds Used									
Asset No.	Serial No.	Manufacturer	Model	Description	Cal Due					
009917	604420	HART SCIENTIFIC	5612	RTD	Apr 06, 07					
012305	A51826	HART SCIENTIFIC	1502A	TEMPERATURE READOUT	Apr 06, 07					
		1								
		1								
/										
	· · ·	4		210						
<u>~e</u>	ng h	ingu		Doth callo						
Reviewee	by: blt() jrg() p	owc (~) wgh ( )		Measurements by: Bob Trollin	1gg					

Metrology Technician m:\a2la1.rpt Rev date August 15, 2005

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## Southwest Research Institute Calibration Laboratory Measurement Report

Work Order:	303072413	Mfr.	Fluke		Technician	blt			
Asset No.	010638	Model	Туре К						
Serial No.	10638	Туре.	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				
·	77.463	77.05	-0.41	3.96	0.11	Pass			
END OF REPORT									

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