		62 Pho	ST RESEARCH INSTITU 20 Culebra Road, P.O. Drawer 28510 Institute Quality Systems Institute Calibration Laboratory one: 210-522-5215 Fax 210-522-4834	TE [®]		
	®		Certificate of Calibration	0972-01		
<u> </u>	Submitted By: Address:		Work Order: Date Issued:			
Man	Contact:	DON BANNON DURO-SENSE TYPE K	Calibration Date:	Jul 26, 2005		
	Description: Serial No:	THERMOCOUPLE	Calibration Location: Environment:	-		
	Asset No:	008432	**Data Type:	FOUND-LEFT		
	Procedure:	THERMOCOUPLE-GEN	IERAL, JAN/03			
this date determin Reportec uncertair	 **Found/Left = adjunction d uncertainty calculate 	ustment and/or repair was not r erance or compliance/noncomp ed in accordance with the ISO ' ctor of k=2 to approximate a 9	will remain within tolerance as any number of factors may c required, As Left = adjusted and/or repaired was required. Th pliance. See Remarks or attached Measurement Report with 'Guide to the Expression of Uncertainty in Measurement" (G 5% confidence level.	ne client has sole responsibility for the same Work Order number for data.		
Standa	rds Used					
	Serial No.	Manufacturer	Model Description	Cal Due Nov 24, 05		
09137	Serial No. A21208 0421	Manufacturer HART SCIENTIFIC HART SCIENTIFIC	ModelDescription1575THERMOMETER5628SPRT	Nov 24, 05		
Asset No. 09137 010281 010329	A21208	HART SCIENTIFIC	1575 THERMOMETER	Nov 24, 05 Jun 24, 08		
09137 10281	A21208 0421	HART SCIENTIFIC HART SCIENTIFIC	1575THERMOMETER5628SPRT	Nov 24, 0: Jun 24, 08		
09137 10281 10329	A21208 0421 7949003	HART SCIENTIFIC HART SCIENTIFIC	1575 THERMOMETER 5628 SPRT 525A TEMPERATURE/	Nov 24, 0 Jun 24, 08 Sep 24, 05		

Southwest Research Institute Calibration Laboratory Measurement Report

Work Order:	303065172	Mfr.	DURE-SENSE		Technician	JRG			
Asset No:	008432	Model	Туре К						
Serial No:	328	Туре	Thermocouple		Cal Date	26-Jul-05			
Remarks:	Limits taken from ASTM E230-02 and are based on brand new unused thermocou								
	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			
·	0.097	0.19	-0.09	2.2	0.2	Pass			
	149,930	150.35	-0.42	2.2	0.3	Pass			

35 -0.42 END OF REPORT

•

4