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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 customer 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 at (20°, 40°, 60°, 80°, 100°C)

Standards Used

<u>Asset #</u>	Manufacturer	Model	Description	<u>Cal Date</u>	Due Date
009137	HART SCIENTIFIC	1575	SUPER THERMOMETER	18-Nov-2008	18-May-2009
013908	HART SCIENTIFIC	5628	SPRT	20-Feb-2008	20-Feb-2010
015240	HART SCIENTIFIC	2566	TC SCANNER, 12-CHANNEL MODULE	10-Dec-2008	10-Dec-2009

Reviewed By: (√) srk () mar`() wgh Laboratory Quality Manager m:VA2LA OCT_08.rpt

Calibrated By: Bob Trollinger

Metrology Technician

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Southwest Research Institute Calibration Laboratory Measurement Report

Work Order:	303085268	Mfr:	Duro-Sense		Technician:	blt		
Asset No:	015366	Model:	Туре К					
Serial No:	015366	Туре:	Thermocouple		Cal Date:	07-Jan-09		
Remarks:	Limits taken from ASTM E230-02 and are based on brand new unused thermocouples.							
					1.071 m .			
Function/Range	Test Point	TI Read	Difference	+/-Limit	+/-Uncertainty	Found/Left		
Temperature	°C	°C	°C	°C	°C	Result		
			-	•	•			
1 sinportatoro	20.11	20.0	-0.11	2.2	0.47	Pass		
, sinpolataro	-	-		-	_			
, emporataro	20.11	20.0	-0.11	2.2	0.47	Pass		
, emporatal o	20.11 40.09	20.0 40.1	-0.11 0.01	2.2 2.2	0.47 0.47	Pass Pass		

END OF REPORT

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