S.R.		62	ST RESEARCH INSTITU' 20 Culebra Road, P.O. Drawer 28510 Institute Quality Systems Institute Calibration Laboratory one: 210-522-5215 Fax 210-522-4834	ΤΕ®	ACCREDITED Certificate #
	®		Certificate of Calibration		0972-01
	Submitted By:	DIV20	Work Order:	303065175	
	Address:		Date Issued:	Jul 26, 2005	
	Contact:	DON BANNON	Calibration Date:	Jul 26, 2005	
Manu	ufacturer Model:	OMEGA Type K	*Calibration Due:	Jan 26, 2006	
	Description:	THERMOCOUPLE	Calibration Location:	Bldg. 64	
	Serial No:	11118	Environment:	-	Hum. 50 %RH
	Asset No:			FOUND-LEFT	
	Procedure:	THERMOCOUPLE GEN	IERAL, JAN/03		
			pliance. See Remarks or attached Measurement Report with t		
ncertain		ctor of k=2 to approximate a 9	"Guide to the Expression of Uncertainty in Measurement" (GU 55% confidence level.	UM) and represents a	an expanded
ncertain temarks	ty with a coverage far :: Cal'd at 900, 1000, 'ds Used	ctor of k=2 to approximate a 9 and 1100 Deg C	95% confidence level.	UM) and represents	
ncertain emarks tandar sset No.	ty with a coverage fa :: Cal'd at 900, 1000, rds Used Serial No.	etor of k=2 to approximate a 9 and 1100 Deg C Manufacturer	Model Description		Cal Due
tandar sset No.	ty with a coverage fa Cal'd at 900, 1000, ds Used Serial No. 7949003	ctor of k=2 to approximate a 9 and 1100 Deg C Manufacturer FLUKE	 5% confidence level. Model Description 525A TEMPERATURE/F 	PRESSURE	Cal Due Sep 24, 05
tandar sset No. 10329	ty with a coverage fa :: Cal'd at 900, 1000, rds Used Serial No.	etor of k=2 to approximate a 9 and 1100 Deg C Manufacturer	Model Description 525A TEMPERATURE/F 5650 THERMOCOUPLE	PRESSURE	Cal Due Sep 24, 05 Dec 06, 05
emarks tandar	ty with a coverage fai :: Cal'd at 900, 1000, ds Used Serial No. 7949003 9287	etor of k=2 to approximate a 9 and 1100 Deg C Manufacturer FLUKE HART SCIENTIFIC	Model Description 525A TEMPERATURE/F 5650 THERMOCOUPLE	PRESSURE	Cal Due Sep 24, 05 Dec 06, 05

Approved by: Walt Life Manager m:\a2la1.rpt Rev date March 6, 2005

Measurements by: Joe Greagrey Metrology Technician Page 1 of 1

Southwest Research Institute Calibration Laboratory Measurement Report

Work Order:	303065175	Mfr:	OMEGA		Technician:	JRG
Asset No:	011118	Model:	TYPE K			
Serial No:	11118	Туре:	THERMOCOUPLE		Cal Date:	26-Jul-05
Remarks:						
		Limits are bas	ed on ASTM E23	0-02		
Function/Range	Test Point	TI Reading	Difference	+/-Limits	+/-Uncertainty	Found/Left
TEMPERATURE	O	<u> </u>	°C	°C	°C	Result
	898.534	898.85	-0.32	6.7	2	Pass
	997.814	997.38	0.43	7.5	2	Pass
	1098.080	1096.07	2.01	8.2	2	Pass
		END	OF REPORT			

~

•