## SOUTHWEST RESEARCH INSTITUTE CALIBRATION LABORATORY MEMORANDUM

May 29, 2007

To:	DON BANNON DIV20 B57
From:	Institute Calibration Laboratory
Subject:	Status of Calibration Supplier
Manufacturer/Model: OMEGA 044-013786-02	
	Description: THERMOCOUPLE
	Serial Number: 12768
	Asset Number: 012768
Work	Order Number: 303073564
	Date Calibrated: May 10, 2007
	Supplier: BROADVIEW INST. VIEW OH - A2LA - 800-547-8570
	<b>Remarks:</b> CAL'D @ 900, 1000, 1100, 1200° C
	<ul> <li>( ) Supplier is on the Approved Suppliers List (ASL).</li> <li>( ) Supplier is not on the Approved Suppliers List.</li> <li>( ) Calibration is ISO 17025 accredited.</li> <li>( ) Calibration is not ISO 17025 accredited.</li> <li>( ) There is no known supplier to meet ISO 17025 accreditation at this time.</li> </ul>
	stact the Institute Calibration Laboratory, extension 5215, if you have any questions about the of this equipment or calibration documentation.
Attachme	nt(s)

## Page 1 of 1 BROADVIEW INSTRUMENTATION SERVICES, INC.

## CERTIFICATE OF CALIBRATION



10048 7632B Hub Parkway Valley View, OHIO 44125 216-525-0050 SOUTHWEST RESEARCH INSTITUTE PURCHASE OR. NAME: 6220 CULEBRA ADDRESS: LABOR CITY/STATE: SAN ANTONIO TX **MATERIAL** 78238 \$0.00 ZIP-**TOTAL COST CONTACT: CYNTHIA LUNA** ON-SITE NO REC'D COND. As Found RETURNED As Left MANUFACTURER: Omega Engineering CAL. DATE 10-May-07 Type-B Ceramic Thermocouple MODEL: CAL DUE: 10-May-08 SERIAL / ASSET: 12768 TEMP/RH% 24.8°C / 45.4% AS FOUND % DEVIATION AS LEFT % DEVIATION Temperature, °C: 900.00 -0.303% 897.27 897.27 -0.303% 1000.00 997.99 -0.201% 997.99 -0.201% 1100.00 1097.71 -0.208% 1097.71 -0.208% 1200.00 1197.63 -0.197% 1197.63 -0.197% **EQUIPMENT USED IN CALIBRATION:** BIS TEST REPORT NO: 392123680 QC# Manufacturer Model **Date Due** N.I.S.T. TEST REPORT NUMBERS: 0493 **FLUKE** 525 21-Dec-07 Customer approval: Reviewed By: Metrologist: Katal All equipment used for this calibration is traceable to National Standards (e.g. NIST). Calibration meets ISC/IEC 17025, The Uncertainty of utilized for calibration meet a Test Uncertainty Ratio (TUR) of 4:1 (atk=2, 95% confidence interval) or better unless otherwise stated.

While the calibration due date is recommended, the client is advised that any number of factors may cause the item to drift out of calibration before the recommended due date expires. It is the responsibility of the client to monitor the calibration status while using the equipment

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