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 17025 Accredited Lab

Item 1569

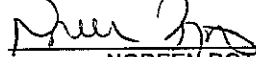
Calibration #	M-0735	Temperature	Reading		Correction		ASTM E29 AVG. CORRECTION
			Point	FRONT	BACK	FRONT	
Degree:	F	32	32.2	32.1	-0.2	-0.1	-0.2
P.O. #:	3205	100	100.4	100.3	-0.4	-0.3	-0.4
Description: TYPE-K THERMOCOUPLE WIRE K20-2-G 1000'		200	200.6	200.6	-0.6	-0.6	-0.6
		400	400.7	400.8	-0.7	-0.8	-0.8
		600	601.1	601.2	-1.1	-1.2	-1.2
		800	801.5	801.6	-1.5	-1.6	-1.6
		1000	1001.8	1001.9	-1.8	-1.9	-1.8
		1200	1202.3	1202.4	-2.3	-2.4	-2.4
		1400	1402.7	1402.8	-2.7	-2.8	-2.8
		1600	1601.8	1601.9	-1.8	-1.9	-1.8
Spool #	GK30419-2-13						
Test Date:	7/12/2013						

This item meets ASTM E230 Special Limits Standard Limits New Calibration Recalibration
 BAC 5621 K, Table IV +/- 2 °F (+/- 1.1 °C) to 1000 °F, 0.4% above AMS 2750 E Noble Metal +/- 1 °F (+/- 0.6 °C) or 0.1%
 BAC 5621 K, Table IV, FL 4 +/- 2 °F (+/- 1.1 °C) or 0.4% AMS 2750 E Base Metal +/- 2 °F (+/- 1.1 °C) or 0.4%

The calibrated equipment used for this test, listed below, is maintained in accordance with AMS 2750E, BAC 5621K (no PSD's), ANSI/NCSL Z540-1, ISO 10012, ISO 17025, RPS 953, PWA (F-40). Measurement results are traceable to standards maintained at the NIST. Test methods are per ASTM E220-07A, ASTM E230/E230M-12, GEOCORP QW-001-L

NIST SENSOR: 283413 Calibrated: 1/22/2013 Due: 1/22/2014 Type: S	Working Std: A-3442 Calibrated: 6/22/2013 Due: 6/22/2014 Type: S	Instrument: Keithley 2701 S/N: 1118487 Calibrated: 12/14/2012 Due: 12/14/2013	Humidity: 40% Nominal Ambient Temp: 72° F Immersion Depth: 24" tech: EJ by: EJ
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Estimated uncertainty, K=2, 95%
 Thermocouple Types-K and N: -196° C to < 0° C = .71° C; 0° C to 1093 = .89° C; >1093 to 1344 = 1.9° C
 Thermocouple Type-J: -196° C to < 0° C = .70° C; 0° C to 760° C = .88° C


NOREEN ROTH
 APPROVED SIGNATORY

TYPE-K THERMOCOUPLE WIRE

GRAPH DATA

VARIATION FROM TRUE TEMPERATURE

