

Item 1635

Calibration #	S-3088	Temperature	Reading		Correction		ASTM E29 AVG. CORRECTION
			FRONT	BACK	FRONT	BACK	
Degree:	° F	Point					
		100	100.3	100.3	-0.3	-0.3	-0.3
P.O. #:	3645	200	201.0	201.0	-1.0	-1.0	-1.0
		400	400.6	400.6	-0.6	-0.6	-0.6
Description: TYPE-K THERMOCOUPLE WIRE K20-2-HC 1000'		600	600.2	600.2	-0.2	-0.2	-0.2
		800	801.2	801.1	-1.2	-1.1	-1.2
		1000	1001.0	1001.1	-1.0	-1.1	-1.0
		1200	1201.1	1201.4	-1.1	-1.4	-1.2
		1400	1401.6	1402.0	-1.6	-2.0	-1.8
		1600	1601.5	1601.7	-1.5	-1.7	-1.6
		1800	1802.5	1802.7	-2.5	-2.7	-2.6
		2000	2002.0	2002.4	-2.0	-2.4	-2.2
		2200	2203.0	2203.4	-3.0	-3.4	-3.2
		2300	2303.3	2303.9	-3.3	-3.9	-3.6
Spool #	GK60623-4-7						
Test Date:	8/23/2016						
Job #:	184466						

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 E220-13, ASTM E230/E230M-12, GEOCORP QW-001-M

NIST SENSOR: 287605 Calibrated: 11/24/2015 Due: 11/24/2016 Type: S	Working Std: A-3769 Calibrated: 7/27/2016 Due: 7/27/2017 Type: S	Instrument: Keithley 2701 S/N: 1030819 Calibrated: 8/2/2016 Due: 8/2/2017	Humidity: 40% Nominal Ambient Temp 72° F Immersion Depth: 24" tech: CT by: CT
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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
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 APPROVED SIGNATORY

TYPE-K THERMOCOUPLE WIRE

