



CALIBRATION CERTIFICATE

Form No. 624, Dec 2005

AANDERAA DATA INSTRUMENTS

Resolution: 0.1% of range
Accuracy: $\pm 0.05^{\circ}\text{C}$
Time Constant (63%): 12 seconds

Product: Temperature Sensor 3621
Serial No: 1100
Certificate No: 3621 1100 40051
Calibration Date: August 26, 2009

Electronic board: 3623 Serial No: 1110 RCM sn: 874

This is to certify that this product has been calibrated using the following instruments:

Fluke CHUB E-4	Serial No. A7C677
Fluke 5615 PRT	Serial No. 802056
Fluke 5615 PRT	Serial No. 802676
Fluke 5615 PRT	Serial No. 802057
Fluke 5615 PRT	Serial No. 802054
Calibration Bath model FNT 321-1-40	

Calibration points and readings:

Temperature Ranges		Arctic: $^{\circ}\text{C}$		High: $^{\circ}\text{C}$		Low: $^{\circ}\text{C}$	
Temperature ($^{\circ}\text{C}$)		1.07	5.23	10.89	33.88	1.06	20.21
Reading, N		456	940	46	937	156	964
Calculated Coefficients	A =	-2.930E+00		9.797E+00		-2.628E+00	
	B =	8.908E-03		2.378E-02		2.394E-02	
	C =	-3.476E-07		-5.941E-07		-2.238E-06	
	D =	1.134E-10		2.820E-09		2.056E-09	

Temperature Ranges		Wide: $^{\circ}\text{C}$		Other: $^{\circ}\text{C}$	
Temperature ($^{\circ}\text{C}$)		1.06	29.95		
Reading, N		49	943		
Calculated Coefficients	A =	-5.942E-01			
	B =	3.406E-02			
	C =	-6.292E-06			
	D =	4.800E-09			

$$\text{Temperature } (^{\circ}\text{C}) = A + BN + CN^2 + DN^3$$

Date: 26-Aug-09

Sign: Shawn A. Sneddon

Service and Calibration Assistant

AANDERAA DATA INSTRUMENTS AS

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