



CALIBRATION CERTIFICATE

AANDERAA DATA INSTRUMENTS

Form No. 621, Dec 2005

Certificate No: 3853 4804 38314
Batch No: 4804

Product: O2 Sensing Foil PSt3 3853
Calibration Date: 25 July 2006

Calibration points and phase readings (degrees)

Temperature (°C)		2.81	10.67	20.23	29.79	39.15
Pressure (hPa)		970.73	970.73	970.73	970.73	970.73
O2 in % of O2+N2	0.00	70.02	69.37	68.43	67.47	66.25
	1.00	65.87	64.80	63.36	61.92	60.25
	2.00	62.07	60.67	58.85	57.04	55.02
	5.00	53.10	51.16	48.76	46.46	44.13
	10.00	43.25	41.09	38.51	36.15	33.89
	20.90	31.53	29.52	27.21	25.18	23.31
	30.00	26.03	24.21	22.17	20.39	18.77

Giving these coefficients ¹⁾

Index	0	1	2	3
C0 Coefficient	3.17242E+03	-1.07261E+02	2.13316E+00	-1.79234E-02
C1 Coefficient	-1.73981E+02	5.10262E+00	-9.85758E-02	8.02240E-04
C2 Coefficient	3.95600E+00	-9.81040E-02	1.85346E-03	-1.42536E-05
C3 Coefficient	-4.26337E-02	8.78820E-04	-1.64409E-05	1.13709E-07
C4 Coefficient	1.76869E-04	-2.95502E-06	5.55039E-08	-3.08493E-10

¹⁾ Ask for Form No 621S when this O2 Sensing Foil is used in Oxygen Sensor 3830 with Serial Numbers lower than 184.

Date: 4/24/2008

Sign:

AANDERAA DATA INSTRUMENTS AS

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