



a xylem brand

CALIBRATION CERTIFICATE

Form No 830, March 2021

Certificate no: 4831_216_00221683
Foil batch no: 2310M

Product: 4831
Calibration date: 29.11.2023

Serial no: 216
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Index	Temperature reference(°C)	[O2] Reference(μM)	Temperature raw data(mV)	Phase reading(°)
0	30.206	1.21	-178.600	60.13
1	20.241	0.51	135.593	61.13
2	10.226	0.21	459.413	61.88
3	0.869	0.11	746.307	62.54
4	0.910	20.30	745.113	59.81
5	0.996	38.51	742.600	57.56
6	1.023	59.41	741.820	55.24
7	1.022	107.02	741.853	50.75
8	1.034	142.47	741.500	47.97
9	1.037	218.18	741.427	43.21
10	1.051	314.34	741.000	38.73
11	1.066	410.76	740.593	35.40
12	1.096	512.36	739.733	32.67
13	10.665	13.88	445.367	59.22
14	10.429	30.90	452.927	56.26
15	10.339	47.51	455.800	53.73
16	10.305	79.79	456.900	49.54
17	10.302	117.50	456.980	45.59
18	10.280	164.65	457.680	41.71
19	10.262	245.75	458.260	36.83
20	10.262	325.72	458.240	33.37
21	10.263	407.17	458.213	30.74
22	20.586	10.82	124.473	58.34
23	20.380	25.06	131.133	54.97
24	20.354	40.30	131.960	51.79
25	20.297	64.36	133.813	47.67
26	20.286	93.06	134.167	43.73
27	20.295	134.95	133.840	39.36
28	20.291	196.54	134.007	34.77
29	20.267	261.55	134.773	31.38
30	20.245	327.94	135.460	28.84
31	30.329	9.46	-182.320	57.21
32	30.335	21.12	-182.500	53.57
33	30.347	33.16	-182.867	50.33
34	30.358	54.75	-183.213	45.59
35	30.373	76.95	-183.693	41.81
36	30.385	110.87	-184.020	37.46
37	30.392	164.62	-184.240	32.69
38	30.386	217.02	-184.060	29.55
39	30.361	272.62	-183.300	27.12

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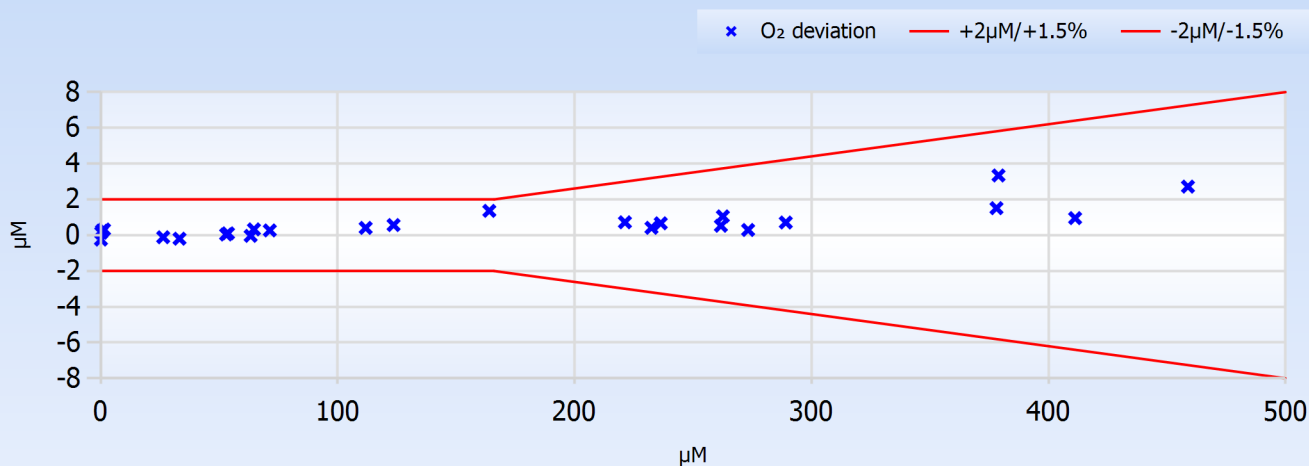
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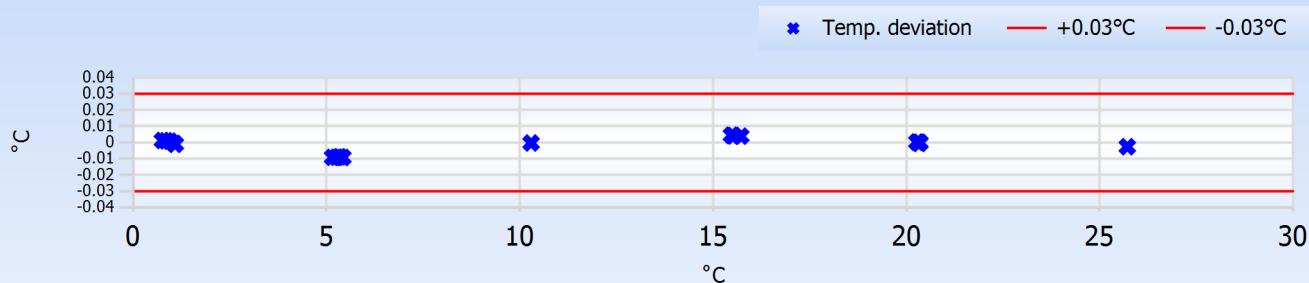
Giving these coefficients

Index	0	1	2	3	4	5	6
SVUFoilCoef	2.75399E-03	1.17456E-04	2.27721E-06	1.66602E02	-1.98008E-01	-4.14581E01	3.32436E00
TempCoef	2.44642E01	-3.14721E-02	3.01744E-06	-4.29903E-09	0.00000E00	0.00000E00	

Oxygen validation



Temperature validation



With following settings

Index	0	1	2	3
PhaseCoef	0.00000E00	1.00000E00	0.00000E00	0.00000E00

Index	0 (Offset)	1 (Slope)
ConcCoef	0.00000E00	1.00000E00
Salinity	0.00	

Firmware Version	5.3.1
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Date:29.11.2023

Tor-Ove Kvalvaag
Tor-Ove Kvalvaag, Calibration Engineer