



a xylem brand

CALIBRATION CERTIFICATE

Form No 830, March 2021

Certificate no: 4831_215_00221682
Foil batch no: 1206EM

Product: 4831
Calibration date: 29.11.2023

Serial no: 215
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Index	Temperature reference(°C)	[O2] Reference(μM)	Temperature raw data(mV)	Phase reading(°)
0	30.206	1.21	-184.853	58.71
1	20.241	0.51	121.493	59.69
2	10.226	0.21	437.933	60.45
3	0.869	0.11	720.193	61.09
4	0.910	20.30	719.027	58.70
5	0.996	38.51	716.560	56.73
6	1.023	59.41	715.793	54.67
7	1.022	107.02	715.793	50.64
8	1.034	142.47	715.460	48.07
9	1.037	218.18	715.373	43.62
10	1.051	314.34	714.980	39.34
11	1.066	410.76	714.513	36.05
12	1.096	512.36	713.653	33.34
13	10.665	13.88	424.153	57.90
14	10.429	30.90	431.567	55.44
15	10.339	47.51	434.380	53.21
16	10.305	79.79	435.460	49.42
17	10.302	117.50	435.520	45.78
18	10.280	164.65	436.200	42.12
19	10.262	245.75	436.800	37.39
20	10.262	325.72	436.793	33.99
21	10.263	407.17	436.780	31.37
22	20.586	10.82	110.613	57.00
23	20.380	25.06	117.133	54.13
24	20.354	40.30	117.953	51.33
25	20.297	64.36	119.753	47.59
26	20.286	93.06	120.087	43.95
27	20.295	134.95	119.800	39.79
28	20.291	196.54	119.947	35.31
29	20.267	261.55	120.693	31.96
30	20.245	327.94	121.387	29.42
31	30.329	9.46	-188.507	55.93
32	30.335	21.12	-188.653	52.79
33	30.347	33.16	-189.007	49.90
34	30.358	54.75	-189.353	45.59
35	30.373	76.95	-189.800	42.07
36	30.385	110.87	-190.147	37.90
37	30.392	164.62	-190.360	33.27
38	30.386	217.02	-190.200	30.11
39	30.361	272.62	-189.400	27.66

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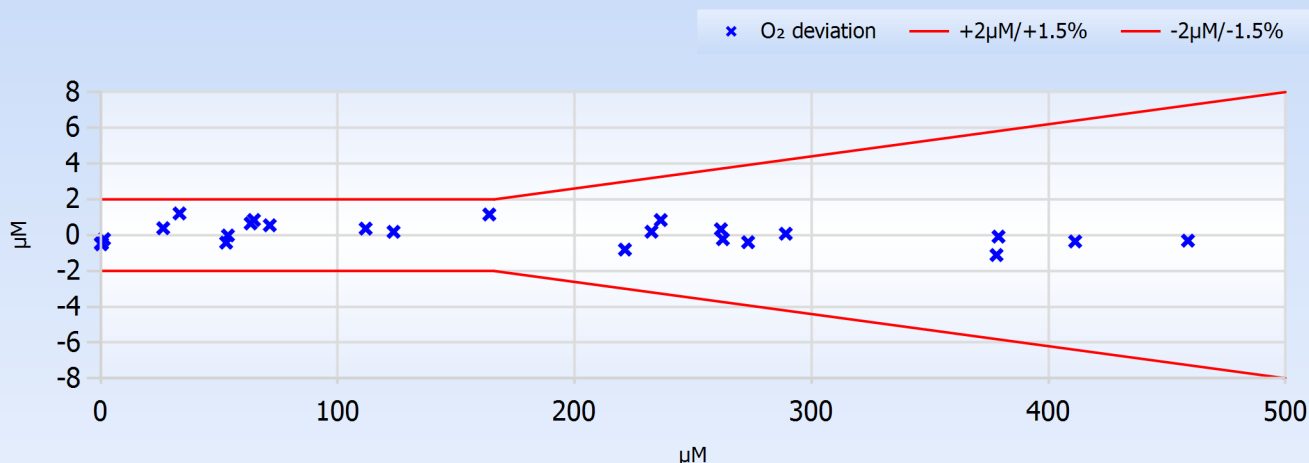
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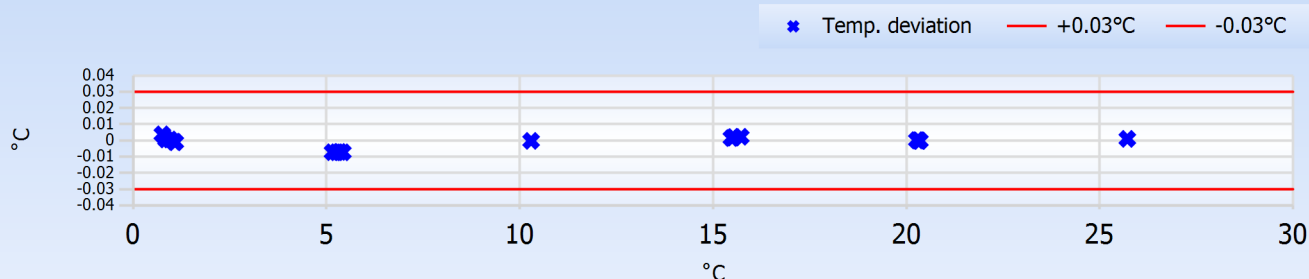
Giving these coefficients

Index	0	1	2	3	4	5	6
SVUFoilCoef	2.41735E-03	1.04077E-04	1.92693E-06	1.86949E02	-2.61554E-01	-4.57041E01	3.80625E00
TempCoef	2.41194E01	-3.22220E-02	3.01506E-06	-4.30237E-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