



a xylem brand

CALIBRATION CERTIFICATE

Form No 830, March 2021

Certificate no: 4831_476_00234898
Foil batch no: 1206EM

Product: 4831
Calibration date: 19.12.2024

Serial no: 476
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Index	Temperature reference(°C)	[O2] Reference(μM)	Temperature raw data(mV)	Phase reading(°)
0	30.263	2.09	-137.793	60.41
1	20.446	1.07	180.113	61.40
2	10.302	0.19	512.320	62.17
3	0.879	-1.06	799.867	62.80
4	0.936	18.44	798.207	60.28
5	1.073	36.95	794.267	58.11
6	1.126	57.60	792.747	55.91
7	1.134	102.96	792.520	51.73
8	1.186	140.56	791.027	48.84
9	1.199	211.87	790.693	44.35
10	1.211	315.27	790.307	39.50
11	1.243	409.58	789.400	36.24
12	1.244	511.86	789.360	33.48
13	10.541	14.75	504.667	59.53
14	10.398	30.88	509.247	56.83
15	10.342	47.43	511.053	54.39
16	10.313	79.98	511.967	50.30
17	10.310	115.98	512.053	46.60
18	10.291	164.94	512.680	42.62
19	10.294	246.81	512.600	37.67
20	10.283	328.25	512.940	34.15
21	10.308	411.64	512.107	31.42
22	20.553	12.18	176.600	58.57
23	20.399	25.64	181.693	55.40
24	20.381	40.05	182.287	52.48
25	20.334	64.55	183.813	48.36
26	20.326	92.27	184.093	44.59
27	20.324	134.72	184.107	40.14
28	20.314	196.57	184.493	35.53
29	20.319	261.78	184.300	32.07
30	20.315	328.33	184.400	29.47
31	30.387	10.58	-141.667	57.50
32	30.417	21.37	-142.640	54.05
33	30.430	33.22	-143.033	50.88
34	30.442	54.98	-143.400	46.16
35	30.451	76.06	-143.653	42.57
36	30.460	108.88	-143.927	38.29
37	30.479	162.43	-144.560	33.45
38	30.493	213.34	-145.007	30.27
39	30.500	268.38	-145.207	27.77

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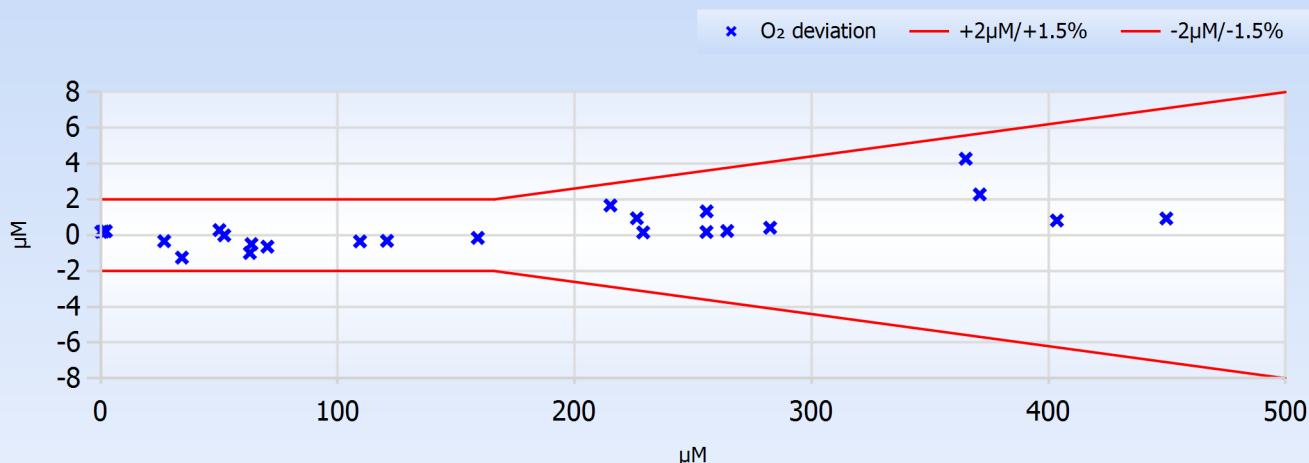
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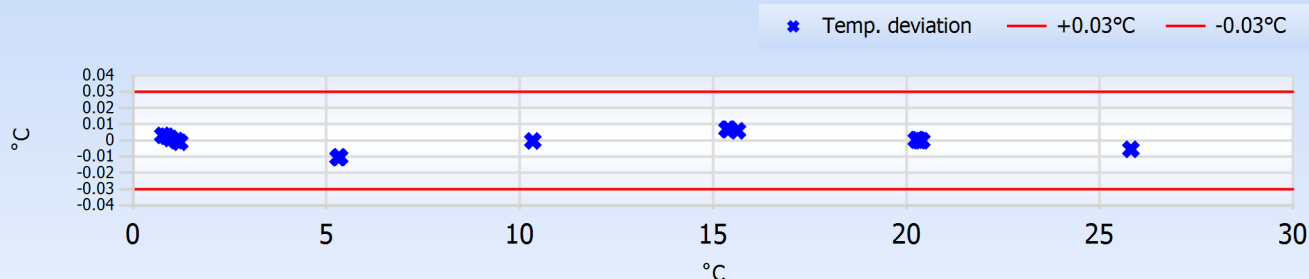
Giving these coefficients

Index	0	1	2	3	4	5	6
SVUFoilCoef	2.59272E-03	1.08203E-04	2.51931E-06	2.22810E02	-2.03374E-01	-5.16248E01	4.44356E00
TempCoef	2.59386E01	-3.08886E-02	2.97357E-06	-4.40396E-09	0.00000E00	0.00000E00	

Oxygen validation



Temperature validation



With following settings

Index	0	1	2	3
PhaseCoef	-9.71000E-01	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:19.12.2024

Astrid Fjeldtvedt
Astrid Fjeldtvedt, Production Engineer