



a xylem brand

CALIBRATION CERTIFICATE

Form No 830, March 2021

Certificate no: 4831_1015_00197199
Foil batch no: 1824M

Product: 4831
Calibration date: 05.03.2022

Serial no: 1015
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| Index | Temperature reference(°C) | [O2] Reference(µM) | Temperature raw data(mV) | Phase reading(°) |
|-------|---------------------------|--------------------|--------------------------|------------------|
| 0 | 30.481 | 1.92 | -48.453 | 59.46 |
| 1 | 20.221 | 1.17 | 282.800 | 60.58 |
| 2 | 10.110 | 1.26 | 604.867 | 61.36 |
| 3 | 0.845 | 1.76 | 873.687 | 62.01 |
| 4 | 0.895 | 20.49 | 872.353 | 59.49 |
| 5 | 1.026 | 40.70 | 868.807 | 57.07 |
| 6 | 1.054 | 61.65 | 868.040 | 54.78 |
| 7 | 1.051 | 105.00 | 868.120 | 50.72 |
| 8 | 1.081 | 146.22 | 867.307 | 47.57 |
| 9 | 1.128 | 213.42 | 866.007 | 43.34 |
| 10 | 1.162 | 324.08 | 865.100 | 38.22 |
| 11 | 1.193 | 419.41 | 864.233 | 35.06 |
| 12 | 1.162 | 523.27 | 865.100 | 32.39 |
| 13 | 10.631 | 16.67 | 588.773 | 58.43 |
| 14 | 10.407 | 32.31 | 595.687 | 55.74 |
| 15 | 10.326 | 49.14 | 598.180 | 53.22 |
| 16 | 10.291 | 81.92 | 599.253 | 49.09 |
| 17 | 10.285 | 116.68 | 599.420 | 45.51 |
| 18 | 10.220 | 168.12 | 601.440 | 41.41 |
| 19 | 10.198 | 251.90 | 602.100 | 36.52 |
| 20 | 10.129 | 335.20 | 604.233 | 33.08 |
| 21 | 10.108 | 419.43 | 604.900 | 30.47 |
| 22 | 20.632 | 13.10 | 269.360 | 57.29 |
| 23 | 20.405 | 25.78 | 276.760 | 54.30 |
| 24 | 20.368 | 39.77 | 277.953 | 51.42 |
| 25 | 20.296 | 65.58 | 280.313 | 47.10 |
| 26 | 20.281 | 92.73 | 280.800 | 43.48 |
| 27 | 20.273 | 134.40 | 281.100 | 39.18 |
| 28 | 20.256 | 200.22 | 281.600 | 34.40 |
| 29 | 20.242 | 266.73 | 282.100 | 31.03 |
| 30 | 20.232 | 336.07 | 282.400 | 28.49 |
| 31 | 30.537 | 10.92 | -50.260 | 56.11 |
| 32 | 30.470 | 21.35 | -48.100 | 52.80 |
| 33 | 30.466 | 32.91 | -48.000 | 49.69 |
| 34 | 30.468 | 54.19 | -48.060 | 45.08 |
| 35 | 30.473 | 75.92 | -48.200 | 41.46 |
| 36 | 30.477 | 110.42 | -48.327 | 37.07 |
| 37 | 30.483 | 164.38 | -48.560 | 32.38 |
| 38 | 30.501 | 218.84 | -49.100 | 29.17 |
| 39 | 30.508 | 276.19 | -49.307 | 26.74 |

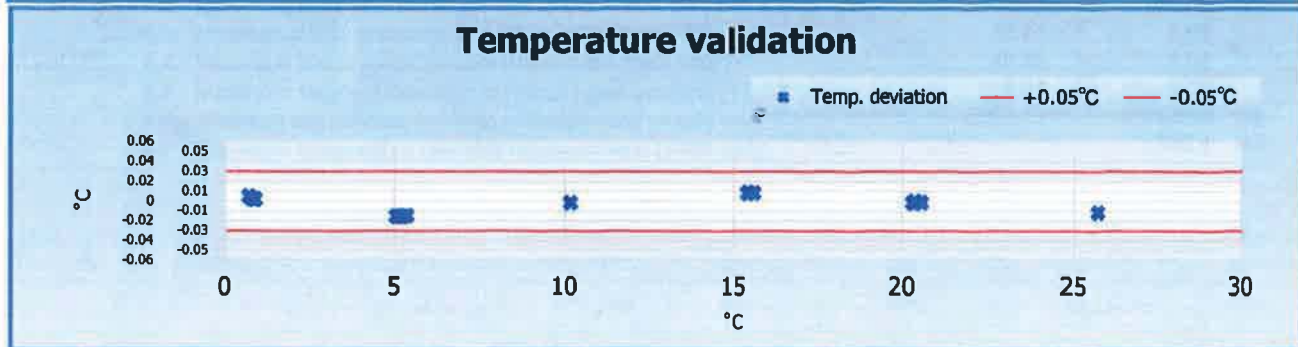
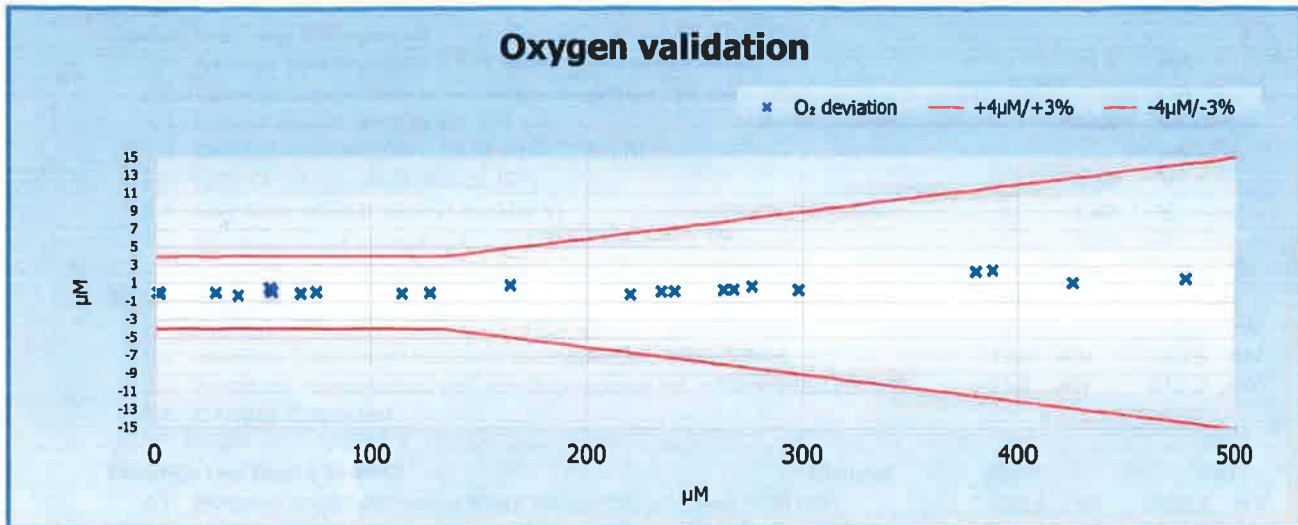
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Giving these coefficients

| Index | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|-------------|-------------|--------------|-------------|--------------|--------------|-------------|------------|
| SVUFoilCoef | 2.76015E-03 | 1.13736E-04 | 2.57949E-06 | 1.17604E02 | -1.58209E-01 | -2.46583E01 | 2.36945E00 |
| TempCoef | 2.89479E01 | -3.14525E-02 | 3.47280E-06 | -4.90580E-09 | 0.00000E00 | 0.00000E00 | |



With following settings

| Index | 0 | 1 | 2 | 3 |
|-----------|-------------|------------|------------|------------|
| PhaseCoef | -2.27500E00 | 1.00000E00 | 0.00000E00 | 0.00000E00 |

| Index | 0 (Offset) | 1 (Slope) |
|------------------|------------|------------|
| ConcCoef | 0.00000E00 | 1.00000E00 |
| Salinity | 0.00 | |
| Firmware Version | 5.3.1 | |

Date:05.03.2022

Tor-Ove Kvalvaag
Tor-Ove Kvalvaag, Calibration Engineer