



a xylem brand

# CALIBRATION CERTIFICATE

Form No 830, March 2021

Certificate no: 4330\_4216\_00214278  
Foil batch no: 1824M

Product: 4330  
Calibration date: 17.04.2023

Serial no: 4216  
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| Index | Temperature reference(°C) | [O2] Reference(μM) | Temperature raw data(mV) | Phase reading(°) |
|-------|---------------------------|--------------------|--------------------------|------------------|
| 0     | 30.447                    | 1.32               | -131.793                 | 59.76            |
| 1     | 20.215                    | 0.65               | 193.113                  | 60.83            |
| 2     | 10.102                    | 0.49               | 517.493                  | 61.65            |
| 3     | 0.842                     | 0.80               | 794.673                  | 62.32            |
| 4     | 0.867                     | 20.76              | 793.973                  | 59.66            |
| 5     | 0.961                     | 39.37              | 791.333                  | 57.44            |
| 6     | 0.994                     | 60.55              | 790.413                  | 55.17            |
| 7     | 1.000                     | 109.40             | 790.233                  | 50.71            |
| 8     | 1.008                     | 144.51             | 790.000                  | 48.04            |
| 9     | 1.008                     | 220.12             | 790.000                  | 43.42            |
| 10    | 0.985                     | 322.40             | 790.660                  | 38.81            |
| 11    | 1.008                     | 416.81             | 790.007                  | 35.64            |
| 12    | 1.018                     | 519.80             | 789.727                  | 32.96            |
| 13    | 10.505                    | 14.43              | 504.847                  | 58.99            |
| 14    | 10.292                    | 31.66              | 511.500                  | 56.11            |
| 15    | 10.238                    | 48.48              | 513.200                  | 53.62            |
| 16    | 10.216                    | 81.35              | 513.900                  | 49.49            |
| 17    | 10.215                    | 118.69             | 513.933                  | 45.72            |
| 18    | 10.220                    | 167.07             | 513.793                  | 41.85            |
| 19    | 10.200                    | 249.81             | 514.387                  | 37.00            |
| 20    | 10.222                    | 331.55             | 513.700                  | 33.57            |
| 21    | 10.230                    | 415.12             | 513.487                  | 30.94            |
| 22    | 20.633                    | 11.95              | 179.600                  | 57.81            |
| 23    | 20.411                    | 25.74              | 186.780                  | 54.62            |
| 24    | 20.384                    | 40.83              | 187.647                  | 51.60            |
| 25    | 20.304                    | 65.63              | 190.260                  | 47.50            |
| 26    | 20.295                    | 94.23              | 190.533                  | 43.73            |
| 27    | 20.287                    | 137.17             | 190.800                  | 39.39            |
| 28    | 20.269                    | 200.57             | 191.393                  | 34.85            |
| 29    | 20.250                    | 267.48             | 192.000                  | 31.49            |
| 30    | 20.241                    | 336.17             | 192.293                  | 28.96            |
| 31    | 30.485                    | 10.05              | -132.967                 | 56.68            |
| 32    | 30.434                    | 21.50              | -131.373                 | 53.14            |
| 33    | 30.434                    | 33.32              | -131.393                 | 50.05            |
| 34    | 30.437                    | 55.14              | -131.460                 | 45.44            |
| 35    | 30.446                    | 76.89              | -131.747                 | 41.86            |
| 36    | 30.450                    | 112.47             | -131.880                 | 37.44            |
| 37    | 30.457                    | 166.18             | -132.100                 | 32.85            |
| 38    | 30.469                    | 222.09             | -132.413                 | 29.59            |
| 39    | 30.465                    | 279.61             | -132.320                 | 27.18            |

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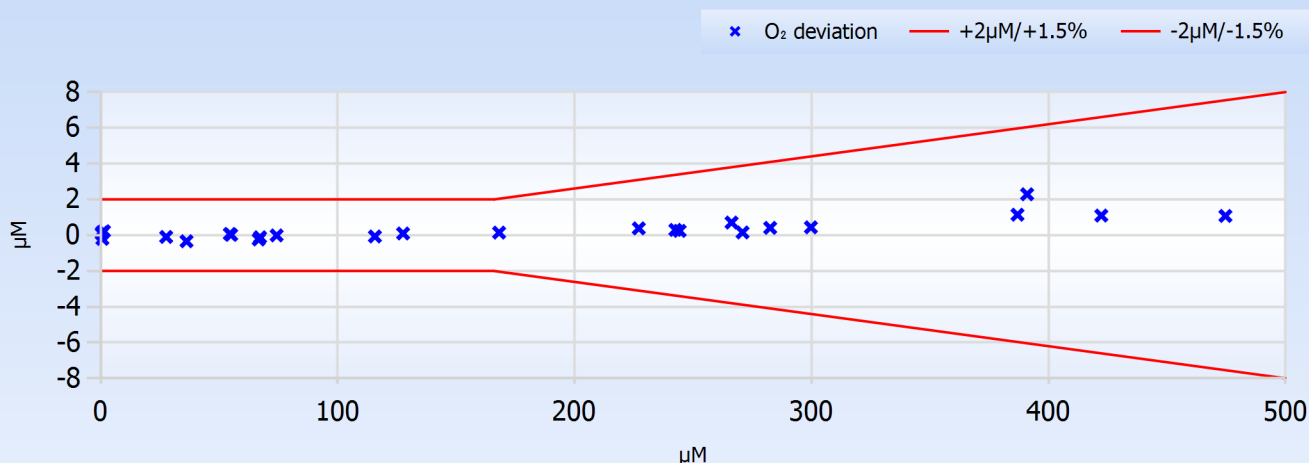
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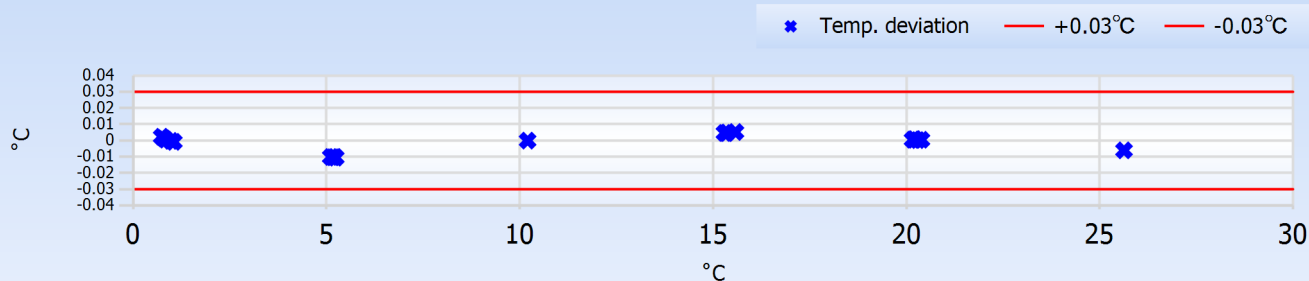
### Giving these coefficients

| Index       | 0           | 1            | 2           | 3            | 4            | 5           | 6          |
|-------------|-------------|--------------|-------------|--------------|--------------|-------------|------------|
| SVUFoilCoef | 2.71127E-03 | 1.14480E-04  | 2.29481E-06 | 1.82212E02   | -2.54513E-01 | -4.03321E01 | 3.68054E00 |
| TempCoef    | 2.62255E01  | -3.15490E-02 | 3.08326E-06 | -4.49879E-09 | 0.00000E00   | 0.00000E00  |            |

### Oxygen validation



### Temperature validation



### With following settings

| Index     | 0           | 1          | 2          | 3          |
|-----------|-------------|------------|------------|------------|
| PhaseCoef | -1.99300E00 | 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:17.04.2023

*Tor-Ove Kvalvaag*  
Tor-Ove Kvalvaag, Calibration Engineer