



ANEXO 6: CERTIFICADOS DE CALIBRACIÓN



Calibration Report

Report Number: 20161221-491904

221 East Lincoln Avenue, Fort Collins, CO 80524 USA

1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **491904**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2016-12-21 14:55:43 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	4.9989	-0.0011	PSI
Pressure	1.9999	2.0000	0.0000	PSI
Pressure	0.0002	-0.0007	-0.0008	PSI
Temperature	38.7740	38.7716	-0.0024	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34970A SerialNo MY44015965
Manu Mensor Model APC600 SerialNo 613167
Manu Instrulab Model 3312A-14-15-24 SerialNo 31099
Manu Instrulab Model 406X-0031-01 SerialNo 1-31138
Manu Mensor Model APC600 SerialNo 622745
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 622004

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended

Performed By: **EC**



Calibration Report

Report Number: 201711132272-118809
221 East Lincoln Avenue, Fort Collins, CO 80524 USA
1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598
Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 118809

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2017-11-13 22:7:2 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	4.9998	4.9970	-0.0572
Pressure	2.1002	2.0973	-0.0589
Pressure	0.0002	-0.0032	-0.0678
Temperature	24.9310	24.9536	0.0226

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44001931
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12070
Manu Mensor Model CPC6000 SerialNo 410008J4

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: FM

12-23



Calibration Report

Report Number: 20170608233630-526752
221 East Lincoln Avenue, Fort Collins, CO 80524 USA
1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598
Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 700
Full Scale Pressure Range: 5 PSI / 3.5 m / 11.5 ft / vented
Serial Number: 526752

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2017-06-08 23:36:30 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0000	4.9992	-0.0162
Pressure	2.0000	1.9993	-0.0123
Pressure	0.0001	-0.0003	-0.0081
Temperature	38.8060	38.8059	-0.0001

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34970A SerialNo MY44015965
Manu Mensor Model APC600 SerialNo 610913
Manu Instrulab Model 3312A-14-15-24 SerialNo 31099
Manu Instrulab Model 406X-0031-01 SerialNo 31098-3
Manu Mensor Model APC600 SerialNo 622745
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 622004

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: EC

Report generated: 2017-08-22 8:40:25 UTC

Copyright © 2005-2017 In-Situ, Inc.

Page 1 of 1

B.N.

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI vented**
Serial Number: **404593**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2017-03-31 06:50:36 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0002	5.0010	0.0150
Pressure	2.0999	2.1006	0.0148
Pressure	0.0001	0.0011	0.0211
Temperature	24.9000	24.9126	0.0126

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44001931
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12083
Manu Mensor Model CPC6000 SerialNo 410008J4

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: WR*BURRO MENDO*

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI vented**
Serial Number: **396410**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2017-04-01 19:16:20 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0.0 PSI to 5.0 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0000	4.9991	-0.0175
Pressure	2.1000	2.0989	-0.0217
Pressure	0.0002	-0.0007	-0.0181
Temperature	24.6770	24.6988	0.0218

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44014053
Manu Instrulab Model 4312A-15 SerialNo 30117
Manu Instrulab Model 832-151-01 SerialNo 12086
Manu Mensor Model CPC6000 SerialNo 410009W9

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: FM

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI vented**
Serial Number: **153017**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2017-07-06 15:22:19 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0.0 PSI to 5.0 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0000	4.9986	-0.0278
Pressure	2.1000	2.0985	-0.0305
Pressure	0.0002	-0.0013	-0.0296
Temperature	24.9270	24.9502	0.0232

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44001931
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12083
Manu Mensor Model CPC6000 SerialNo 410008J4

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: FM



Calibration Report

Report Number: 20170331065036-389513

221 East Lincoln Avenue, Fort Collins, CO 80524 USA
1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 389513

Calibration Details:

Calibration Result: PASS
Calibration Date: 2017-03-31 06:50:36 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0000	5.0008	0.0158
Pressure	2.0999	2.1011	0.0243
Pressure	0.0002	0.0012	0.0208
Temperature	24.9000	24.9089	0.0089

Calibration Procedures and Equipment Used:

Automated calibration procedures used.

Manu Agilent Model 34980A SerialNo MY44001931

Manu Instrulab Model 4312A-15 SerialNo 41014

Manu Instrulab Model 832-151-01 SerialNo 12083

Manu Mensor Model CPC6000 SerialNo 410008J4

Manu Agilent Model 53131A-010 SerialNo MY47002282

Manu MENSOR Model 600 SerialNo 622004

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: WR

Report generated: 2017-04-02 14:06:42 UTC

Copyright © 2005-2017 In-Situ, Inc.

Page 1 of 1

L13-2



Calibration Report

Report Number: 2017040318433-396408

221 East Lincoln Avenue, Fort Collins, CO 80524 USA
1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598
Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 396408

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2017-04-03 18:4:33 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0000	5.0003	0.0066
Pressure	2.1000	2.0998	-0.0032
Pressure	0.0001	-0.0002	-0.0042
Temperature	24.9020	24.9393	0.0373

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44001931
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12083
Manu Mensor Model CPC6000 SerialNo 410008J4

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: FM

Report generated: 2017-04-04 11:50:07 UTC

Copyright © 2005-2017 In-Situ, Inc.

Page 1 of 1

L13-3



Calibration Report

Report Number: 2016060703426-119249

221 East Lincoln Avenue, Fort Collins, CO 80524 USA

1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 119249

Calibration Details:

Calibration Result: PASS
Calibration Date: 2016-06-07 03:42:6 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0027	5.0016	-0.0226
Pressure	2.1015	2.1001	-0.0267
Pressure	0.0000	-0.0015	-0.0294
Temperature	24.9220	24.9195	-0.0025

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44002373
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12157
Manu Ruska Model 7215xi SerialNo 53143

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: WR

L13-4



Calibration Report

Report Number: 20170608212752-526772
221 East Lincoln Avenue, Fort Collins, CO 80524 USA
1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598
Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 700
Full Scale Pressure Range: 5 PSI / 3.5 m / 11.5 ft / vented
Serial Number: 526772

Calibration Details:

Calibration Result: PASS
Calibration Date: 2017-06-08 21:27:52 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0001	4.9993	-0.0153
Pressure	2.0000	1.9991	-0.0187
Pressure	0.0000	0.0012	0.0239
Temperature	39.1230	39.1245	0.0015

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34970A SerialNo MY44038835
Manu Mensor Model CPC6000 SerialNo 610915
Manu Instrulab Model 3312A-14-15-24 SerialNo 31102-(41037)
Manu Instrulab Model 406X-0031-01 SerialNo 31099-2
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 622004

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: MR

Report generated: 2017-08-22 8:38:53 UTC

Copyright © 2005-2017 In-Situ, Inc.

L13-4 Page 1 of 1



Calibration Report

Report Number: 2016060703426-325889

221 East Lincoln Avenue, Fort Collins, CO 80524 USA

1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 325889

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2016-06-07 03:42:6 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0020	5.0003	-0.0356
Pressure	2.0994	2.0980	-0.0262
Pressure	0.0000	-0.0014	-0.0278
Temperature	24.9230	24.9276	0.0046

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44002373
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12157
Manu Ruska Model 7215xi SerialNo 53143

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: WR

Report generated: 2016-06-08 11:13:03 UTC

Copyright © 2005-2016 In-Situ, Inc.

Page 1 of 1

L14-4 X

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **446778**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2016-02-23 11:25:14 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	4.9998	-0.0003	PSI
Pressure	2.0000	1.9991	-0.0009	PSI
Pressure	-0.0010	-0.0015	-0.0005	PSI
Temperature	38.7510	38.7888	0.0378	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34970A SerialNo MY44000742
Manu Mensor Model CPC6000 SerialNo 41000617
Manu Instrulab Model 3312A-14-15-24 SerialNo 31098
Manu Instrulab Model 406X-0031-01 SerialNo 31128-1
Manu Mensor Model CPC6000 SerialNo 410008DR
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 620225

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended

Performed By: NJH*L1-64 POZO*



Calibration Report

Report Number: 20170718-534160

221 East Lincoln Avenue, Fort Collins, CO 80524 USA

1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **534160**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2017-07-18 11:20:18 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	5.0000	-0.0001	PSI
Pressure	2.0000	1.9998	-0.0002	PSI
Pressure	0.0000	-0.0009	-0.0009	PSI
Temperature	38.8630	38.8566	-0.0064	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34970A SerialNo MY4402330
Manu Mensor Model CPC6000 SerialNo 41000617
Manu Instrulab Model 3312A-14-15-24 SerialNo 31154
Manu Instrulab Model 406X-0031-01 SerialNo 1-31103
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 622742

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: **EC**

07-2017

L1-64
P020



Calibration Report

Report Number: 20170331065036-405896

221 East Lincoln Avenue, Fort Collins, CO 80524 USA
1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598
Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 405896

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2017-03-31 06:50:36 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0000	5.0009	0.0175
Pressure	2.1000	2.1015	0.0316
Pressure	0.0001	0.0012	0.0236
Temperature	24.9000	24.9087	0.0087

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44001931
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12083
Manu Mensor Model CPC6000 SerialNo 410008J4

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: WR

LZ-16

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **470756**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2016-08-01 21:16:17 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	5.0005	0.0005	PSI
Pressure	2.0000	2.0001	0.0001	PSI
Pressure	-0.0006	-0.0005	0.0000	PSI
Temperature	39.4840	39.5005	0.0165	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.

Manu Agilent Model 34970A SerialNo MY44015886

Manu Instrulab Model 3312A-14-15-24 SerialNo 31125

Manu Instrulab Model 406X-0031-01 SerialNo 3-31139

Manu MENSOR Model 600 SerialNo 620252

Manu Agilent Model 53131A-010 SerialNo MY47002282

Manu MENSOR Model 600 SerialNo 620225

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: KK

12-23

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **422958**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2016-03-10 22:34:48 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0 PSI to 5 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0001	5.0003	0.0002	PSI
Pressure	2.0000	1.9994	-0.0006	PSI
Pressure	-0.0001	-0.0010	-0.0009	PSI
Temperature	38.7610	38.7863	0.0253	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34970A SerialNo MY44015965
Manu Instrulab Model 3312A-14-15-24 SerialNo 31103-(41012)
Manu Instrulab Model 406X-0031-01 SerialNo 31098-3
Manu MENSOR Model 600 SerialNo 620700
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 620225

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: SR

L2-9

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **533923**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2017-07-18 03:15:37 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	4.9996	-0.0004	PSI
Pressure	2.0000	1.9997	-0.0003	PSI
Pressure	0.0001	0.0000	-0.0001	PSI
Temperature	38.8730	38.8717	-0.0013	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.

Manu Agilent Model 34970A SerialNo MY4402330

Manu Mensor Model CPC6000 SerialNo 41000617

Manu Instrulab Model 3312A-14-15-24 SerialNo 31154

Manu Instrulab Model 406X-0031-01 SerialNo 1-31103

Manu Agilent Model 53131A-010 SerialNo MY47002282

Manu MENSOR Model 600 SerialNo 622742

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: KK

07-2017

L2-8



Calibration Report

Report Number: 20171113041010-119194
221 East Lincoln Avenue, Fort Collins, CO 80524 USA
1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598
Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 119194

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2017-11-13 04:10:10 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	4.9998	4.9988	-0.0203
Pressure	2.1001	2.0981	-0.0402
Pressure	0.0002	-0.0026	-0.0543
Temperature	24.9340	24.9476	0.0136

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44001931
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12070
Manu Mensor Model CPC6000 SerialNo 410008J4

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: FM

62-23

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **535930**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2017-07-31 14:31:09 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	5.0001	0.0000	PSI
Pressure	2.0000	1.9998	-0.0002	PSI
Pressure	0.0000	-0.0002	-0.0001	PSI
Temperature	38.8700	38.8661	-0.0039	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.

Manu Agilent Model 34970A SerialNo MY4402330

Manu Mensor Model CPC6000 SerialNo 41000617

Manu Instrulab Model 3312A-14-15-24 SerialNo 31154

Manu Instrulab Model 406X-0031-01 SerialNo 1-31103

Manu Agilent Model 53131A-010 SerialNo MY47002282

Manu MENSOR Model 600 SerialNo 622742

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: LY

07-2017

L3-10



Calibration Report

Report Number: 20170331065036-405892

221 East Lincoln Avenue, Fort Collins, CO 80524 USA
1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598
Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 405892

Calibration Details:

Calibration Result: PASS
Calibration Date: 2017-03-31 06:50:36 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0000	5.0004	0.0089
Pressure	2.1000	2.0999	-0.0024
Pressure	0.0002	0.0003	0.0033
Temperature	24.8990	24.9111	0.0121

Calibration Procedures and Equipment Used:

Automated calibration procedures used.

Manu Agilent Model 34980A SerialNo MY44001931

Manu Instrulab Model 4312A-15 SerialNo 41014

Manu Instrulab Model 832-151-01 SerialNo 12083

Manu Mensor Model CPC6000 SerialNo 410008J4

Manu Agilent Model 53131A-010 SerialNo MY47002282

Manu MENSOR Model 600 SerialNo 622004

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: WR

L3-13

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI vented**
Serial Number: **450941**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2018-04-02 05:11:47 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0.0 PSI to 5.0 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0000	5.0009	0.0184
Pressure	2.1000	2.1005	0.0092
Pressure	0.0000	0.0008	0.0153
Temperature	24.7050	24.7120	0.0070

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44009431
Manu Instrulab Model 4312A-15 SerialNo 30117
Manu Instrulab Model 832-151-01 SerialNo 12068
Manu Mensor Model CPC6000 SerialNo 410009W9

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: FM

Handwritten: 11/25/16 03/2016 P1-3

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI vented**
Serial Number: **152996**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2016-06-07 21:57:38 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0035	5.0029	-0.0127
Pressure	2.1024	2.1014	-0.0194
Pressure	-0.0002	-0.0016	-0.0273
Temperature	24.9230	24.9361	0.0131

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44002373
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12157
Manu Ruska Model 7215xi SerialNo 53143

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: WR

L3-6 x

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **471042**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2016-08-04 05:50:37 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	5.0005	0.0005	PSI
Pressure	2.0000	2.0007	0.0007	PSI
Pressure	-0.0001	0.0005	0.0006	PSI
Temperature	38.7940	38.8160	0.0220	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.

Manu Agilent Model 34970A SerialNo MY44015965

Manu Mensor Model APC600 SerialNo 613167

Manu Instrulab Model 3312A-14-15-24 SerialNo 31099

Manu Instrulab Model 406X-0031-01 SerialNo 1-31138

Manu Mensor Model APC600 SerialNo 410008DR

Manu Agilent Model 53131A-010 SerialNo MY47002282

Manu MENSOR Model 600 SerialNo 620225

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended

Performed By: KK

L3-7

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **451114**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2016-03-23 16:30:58 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	5.0003	0.0002	PSI
Pressure	2.0000	1.9988	-0.0012	PSI
Pressure	-0.0001	-0.0007	-0.0006	PSI
Temperature	38.8610	38.8915	0.0305	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34970A SerialNo MY44038789
Manu Mensor Model CPC6000 SerialNo 41000617
Manu Instrulab Model 3312A-14-15-24 SerialNo 31154
Manu Instrulab Model 406X-0031-01 SerialNo 2-31125
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 620225

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: JD

L4-12



Calibration Report

Report Number: 20170719-533927

221 East Lincoln Avenue, Fort Collins, CO 80524 USA

1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **533927**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2017-07-19 16:01:27 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	4.9996	-0.0004	PSI
Pressure	2.0000	2.0001	0.0001	PSI
Pressure	0.0000	0.0001	0.0001	PSI
Temperature	38.8730	38.8714	-0.0016	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34970A SerialNo MY4402330
Manu Mensor Model CPC6000 SerialNo 41000617
Manu Instrulab Model 3312A-14-15-24 SerialNo 31154
Manu Instrulab Model 406X-0031-01 SerialNo 1-31103
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 622742

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: **AT**

07-2017

L412

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI vented**
Serial Number: **405875**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2017-04-01 19:16:20 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0.0 PSI to 5.0 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0000	5.0012	0.0234
Pressure	2.1000	2.1013	0.0256
Pressure	0.0002	0.0019	0.0333
Temperature	24.6780	24.7063	0.0283

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44014053
Manu Instrulab Model 4312A-15 SerialNo 30117
Manu Instrulab Model 832-151-01 SerialNo 12086
Manu Mensor Model CPC6000 SerialNo 410009W9

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: FM



Calibration Report

Report Number: 20160322-450928

221 East Lincoln Avenue, Fort Collins, CO 80524 USA
1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598
Visit us at www.in-situ.com

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **450928**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2016-03-22 16:42:10 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0 PSI to 5 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	4.9998	-0.0002	PSI
Pressure	2.0000	1.9996	-0.0004	PSI
Pressure	0.0000	-0.0004	-0.0003	PSI
Temperature	38.8620	38.8866	0.0246	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34970A SerialNo MY44038789
Manu Mensor Model CPC6000 SerialNo 41000617
Manu Instrulab Model 3312A-14-15-24 SerialNo 31154
Manu Instrulab Model 406X-0031-01 SerialNo 2-31125
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 620225

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: NJH

L4-7

X

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI vented**
Serial Number: **118035**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2016-06-07 03:42:6 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0041	5.0024	-0.0329
Pressure	2.1026	2.1010	-0.0326
Pressure	0.0000	-0.0015	-0.0292
Temperature	24.9230	24.9075	-0.0155

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44002373
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12157
Manu Ruska Model 7215xi SerialNo 53143

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: WR

L4-B X

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **460543**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2016-05-21 13:37:48 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	5.0005	0.0005	PSI
Pressure	2.0000	2.0003	0.0003	PSI
Pressure	0.0000	0.0001	0.0001	PSI
Temperature	38.7950	38.8227	0.0277	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.

Manu Agilent Model 34970A SerialNo MY44002390

Manu Mensor Model APC600 SerialNo 613167

Manu Instrulab Model 3312A-14-15-24 SerialNo 31099

Manu Instrulab Model 406X-0031-01 SerialNo 1-31127

Manu Mensor Model APC600 SerialNo 410008DR

Manu Agilent Model 53131A-010 SerialNo MY47002282

Manu MENSOR Model 600 SerialNo 620225

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended

Performed By: EC

14-9 X

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **449862**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2016-03-15 16:58:17 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	4.9994	-0.0006	PSI
Pressure	2.0000	1.9990	-0.0010	PSI
Pressure	0.0001	-0.0004	-0.0006	PSI
Temperature	39.7370	39.7465	0.0095	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34970A SerialNo MY44021907
Manu Mensor Model CPC6000 SerialNo 610450
Manu Instrulab Model 3312A-14-15-24 SerialNo 31138
Manu Instrulab Model 406X-0031-01 SerialNo 1-31154
Manu Mensor Model CPC6000 SerialNo 621436
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 620225

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended

Performed By: JN

L5-10

X

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI vented**
Serial Number: **404664**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2017-03-31 06:50:36 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0000	5.0009	0.0171
Pressure	2.1000	2.1008	0.0160
Pressure	0.0001	0.0011	0.0202
Temperature	24.9000	24.9097	0.0097

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44001931
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12083
Manu Mensor Model CPC6000 SerialNo 410008J4

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: WR



In-Situ Inc.

Calibration Report

Report Number: 20151226175527-317451
221 East Lincoln Avenue, Fort Collins, CO 80524 USA
1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598
Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 317451

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2015-12-26 17:55:27 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: ± 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: ± 0.1 %FS from -5 C to +50 C, ± 0.05 %FS at ± 15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	4.9990	4.9989	-0.0020
Pressure	2.0999	2.0994	-0.0109
Pressure	0.0001	-0.0006	-0.0138
Temperature	24.9270	24.9382	0.0112

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44014053
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12157
Manu Ruska Model 7215xi SerialNo 53143

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: WBJ

Report generated: 2015-12-28 11:45:07 UTC

Copyright © 2005-2015 In-Situ, Inc.

Page 1 of 1

LS-3



Calibration Report

Report Number: 20180402051147-460569

221 East Lincoln Avenue, Fort Collins, CO 80524 USA
1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 460569

Calibration Details:

Calibration Result: PASS
Calibration Date: 2018-04-02 05:11:47 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0000	5.0022	0.0438
Pressure	2.1000	2.1023	0.0463
Pressure	0.0002	0.0031	0.0581
Temperature	24.7040	24.7133	0.0093

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44009431
Manu Instrulab Model 4312A-15 SerialNo 30117
Manu Instrulab Model 832-151-01 SerialNo 12068
Manu Mensor Model CPC6000 SerialNo 410009W9

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: FM

Report generated: 2018-04-02 13:56:28 UTC

Copyright © 2005-2018 In-Situ, Inc.

Page 1 of 1

05/2016

PZ-4



Calibration Report

Report Number: 20171111184358-119254
221 East Lincoln Avenue, Fort Collins, CO 80524 USA
1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598
Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 119254

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2017-11-11 18:43:58 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0002	4.9985	-0.0338
Pressure	2.0997	2.0971	-0.0526
Pressure	0.0003	-0.0024	-0.0539
Temperature	24.9330	24.9438	0.0108

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44001931
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12070
Manu Mensor Model CPC6000 SerialNo 410008J4

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: FM

42-23



Calibration Report

Report Number: 20170612-526499

221 East Lincoln Avenue, Fort Collins, CO 80524 USA

1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: **Level TROLL 700**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **526499**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2017-06-12 11:21:22 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	5.0003	0.0003	PSI
Pressure	1.9999	1.9996	-0.0003	PSI
Pressure	0.0003	0.0003	0.0000	PSI
Temperature	38.8100	38.8053	-0.0047	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34970A SerialNo MY44015965
Manu Mensor Model APC600 SerialNo 610913
Manu Instrulab Model 3312A-14-15-24 SerialNo 31099
Manu Instrulab Model 406X-0031-01 SerialNo 31098-3
Manu Mensor Model APC600 SerialNo 622745
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 622004

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended

Performed By: **EC**

L5-7

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI vented**
Serial Number: **118800**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2016-01-04 02:27:7 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	4.9994	4.9974	-0.0386
Pressure	2.1016	2.0994	-0.0433
Pressure	0.0000	-0.0024	-0.0480
Temperature	24.9290	24.9151	-0.0139

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44014053
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12157
Manu Ruska Model 7215xi SerialNo 53143

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: FM

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI vented**
Serial Number: **118814**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2017-07-06 15:22:19 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0000	4.9989	-0.0208
Pressure	2.1001	2.0990	-0.0213
Pressure	0.0001	-0.0018	-0.0375
Temperature	24.9270	24.9373	0.0103

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44001931
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12083
Manu Mensor Model CPC6000 SerialNo 410008J4

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: FM

L5-8

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **534163**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2017-07-18 14:14:03 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0003	4.9977	-0.0026	PSI
Pressure	2.0000	1.9991	-0.0010	PSI
Pressure	0.0001	0.0002	0.0001	PSI
Temperature	39.5230	39.5220	-0.0010	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.

Manu Agilent Model 34970A SerialNo MY44002148

Manu Mensor Model CPC6000 SerialNo 41000616

Manu Instrulab Model 3312A-14-15-24 SerialNo 31098

Manu Instrulab Model 406X-0031-01 SerialNo 31128-2

Manu Agilent Model 53131A-010 SerialNo MY47002282

Manu MENSOR Model 600 SerialNo 622742

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: AT

07-2017

L5-8



Calibration Report

Report Number: 20160805184918-117441

221 East Lincoln Avenue, Fort Collins, CO 80524 USA

1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 117441

Calibration Details:

Calibration Result: PASS
Calibration Date: 2016-08-05 18:49:18 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0001	4.9992	-0.0174
Pressure	2.1000	2.0985	-0.0301
Pressure	0.0001	-0.0016	-0.0340
Temperature	24.6740	24.6799	0.0059

Calibration Procedures and Equipment Used:

Automated calibration procedures used.

Manu Agilent Model 34980A SerialNo MY44014053

Manu Instrulab Model 4312A-15 SerialNo 30117

Manu Instrulab Model 832-151-01 SerialNo 12086

Manu Mensor Model CPC6000 SerialNo 410009W9

Manu Mensor Model CPC6000 SerialNo 410007P4

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: FM

Report generated: 2016-08-09 15:36:25 UTC

Copyright © 2005-2016 In-Situ, Inc.

Page 1 of 1

LS-93

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **450882**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2016-03-25 01:13:27 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:


Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	4.9995	-0.0005	PSI
Pressure	2.0000	1.9994	-0.0006	PSI
Pressure	0.0001	-0.0002	-0.0003	PSI
Temperature	39.7240	39.7419	0.0179	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34970A SerialNo MY44021907
Manu Mensor Model CPC6000 SerialNo 610450
Manu Instrulab Model 3312A-14-15-24 SerialNo 31138
Manu Instrulab Model 406X-0031-01 SerialNo 1-31154
Manu Mensor Model CPC6000 SerialNo 621436
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 620225

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended

Performed By: SR

X



Calibration Report

Report Number: 20170331065036-409352

221 East Lincoln Avenue, Fort Collins, CO 80524 USA

1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 409352

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2017-03-31 06:50:36 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	4.9999	5.0008	0.0175
Pressure	2.0999	2.1002	0.0063
Pressure	0.0001	0.0005	0.0090
Temperature	24.9000	24.9146	0.0146

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44001931
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12083
Manu Mensor Model CPC6000 SerialNo 410008J4

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: WR

L7-62



Calibration Report

Report Number: 20161024-482711

221 East Lincoln Avenue, Fort Collins, CO 80524 USA

1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **482711**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2016-10-24 13:06:00 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0001	5.0007	0.0006	PSI
Pressure	2.0000	2.0004	0.0004	PSI
Pressure	0.0003	0.0004	0.0001	PSI
Temperature	38.7860	38.7826	-0.0034	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.

Manu Agilent Model 34970A SerialNo MY44015965

Manu Mensor Model APC600 SerialNo 613167

Manu Instrulab Model 3312A-14-15-24 SerialNo 31099

Manu Instrulab Model 406X-0031-01 SerialNo 1-31138

Manu Mensor Model APC600 SerialNo 622745

Manu Agilent Model 53131A-010 SerialNo MY47002282

Manu MENSOR Model 600 SerialNo 622004

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended

Performed By: **RG**

74-1



Calibration Report

Report Number: 20160913-476352

221 East Lincoln Avenue, Fort Collins, CO 80524 USA

1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI / 3.5 m / 11.5 ft / vented
Serial Number: 476352
Hardware Version: 5
Firmware Version: 3.03

Calibration Details:

Calibration Result: PASS
Calibration Date: 2016-09-13 15:47:44 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0 PSI to 5 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	4.9996	-0.0004	PSI
Pressure	2.0000	2.0007	0.0007	PSI
Pressure	0.0001	-0.0005	-0.0006	PSI
Temperature	38.7900	38.8261	0.0361	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34970A SerialNo MY44015965
Manu Mensor Model APC600 SerialNo 613167
Manu Instrulab Model 3312A-14-15-24 SerialNo 31099
Manu Instrulab Model 406X-0031-01 SerialNo 1-31138
Manu Mensor Model APC600 SerialNo 410008DR
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 622004

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended

Performed By: RG

P1-2



Calibration Report

Report Number: 20161026-482762

221 East Lincoln Avenue, Fort Collins, CO 80524 USA

1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **482762**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2016-10-26 19:34:33 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0001	4.9997	-0.0003	PSI
Pressure	2.0000	1.9998	-0.0002	PSI
Pressure	0.0004	-0.0003	-0.0007	PSI
Temperature	38.7860	38.7817	-0.0043	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.

Manu Agilent Model 34970A SerialNo MY44015965

Manu Mensor Model APC600 SerialNo 613167

Manu Instrulab Model 3312A-14-15-24 SerialNo 31099

Manu Instrulab Model 406X-0031-01 SerialNo 1-31138

Manu Mensor Model APC600 SerialNo 622745

Manu Agilent Model 53131A-010 SerialNo MY47002282

Manu MENSOR Model 600 SerialNo 622004

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended

Performed By: **EC**

81-3

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **491952**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2016-12-22 12:04:37 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0 PSI to 5 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0001	4.9988	-0.0013	PSI
Pressure	2.0001	1.9992	-0.0009	PSI
Pressure	0.0000	-0.0006	-0.0007	PSI
Temperature	39.0850	39.0892	0.0042	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34970A SerialNo MY44041151
Manu Mensor Model CPC6000 SerialNo 610915
Manu Instrulab Model 3312A-14-15-24 SerialNo 31102-(41037)
Manu Instrulab Model 406X-0031-01 SerialNo 2-31138
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 622004

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: EC

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI vented**
Serial Number: **394496**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2016-06-07 03:42:6 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0018	5.0025	0.0130
Pressure	2.1008	2.1016	0.0178
Pressure	0.0000	0.0008	0.0165
Temperature	24.9220	24.9312	0.0092

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44002373
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12157
Manu Ruska Model 7215xi SerialNo 53143

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: WR

P1-5

AC



Calibration Report

Report Number: 20171113041010-422958
221 East Lincoln Avenue, Fort Collins, CO 80524 USA
1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598
Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 422958

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2017-11-13 04:10:10 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0006	5.0022	0.0333
Pressure	2.1001	2.1026	0.0501
Pressure	0.0002	0.0027	0.0499
Temperature	24.9330	24.9382	0.0052

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44001931
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12070
Manu Mensor Model CPC6000 SerialNo 410008J4

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: FM

Report generated: 2017-12-21 7:45:15 UTC

Copyright © 2005-2017 In-Situ, Inc.

Page 1 of 1

P1-5



Calibration Report

Report Number: 20161222-491955

221 East Lincoln Avenue, Fort Collins, CO 80524 USA

1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI / 3.5 m / 11.5 ft / vented
Serial Number: 491955
Hardware Version: 5
Firmware Version: 3.03

Calibration Details:

Calibration Result: PASS
Calibration Date: 2016-12-22 02:54:20 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0 PSI to 5 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	4.9998	-0.0002	PSI
Pressure	2.0000	1.9992	-0.0007	PSI
Pressure	-0.0002	-0.0005	-0.0002	PSI
Temperature	38.7740	38.7688	-0.0052	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.

Manu Agilent Model 34970A SerialNo MY44015965

Manu Mensor Model APC600 SerialNo 613167

Manu Instrulab Model 3312A-14-15-24 SerialNo 31099

Manu Instrulab Model 406X-0031-01 SerialNo 1-31138

Manu Mensor Model APC600 SerialNo 622745

Manu Agilent Model 53131A-010 SerialNo MY47002282

Manu MENSOR Model 600 SerialNo 622004

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended

Performed By: KK



Calibration Report

Report Number: 20161221-491920

221 East Lincoln Avenue, Fort Collins, CO 80524 USA

1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI / 3.5 m / 11.5 ft / vented
Serial Number: 491920
Hardware Version: 5
Firmware Version: 3.03

Calibration Details:

Calibration Result: PASS
Calibration Date: 2016-12-21 15:41:01 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0 PSI to 5 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0001	4.9999	-0.0002	PSI
Pressure	2.0000	1.9987	-0.0014	PSI
Pressure	0.0001	-0.0009	-0.0009	PSI
Temperature	39.0770	39.0816	0.0046	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34970A SerialNo MY44041151
Manu Mensor Model CPC6000 SerialNo 610915
Manu Instrulab Model 3312A-14-15-24 SerialNo 31102-(41037)
Manu Instrulab Model 406X-0031-01 SerialNo 2-31138
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 622004

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: EC

P1-7



Calibration Report

Report Number: 20170331065036-410732

221 East Lincoln Avenue, Fort Collins, CO 80524 USA

1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 410732

Calibration Details:

Calibration Result: PASS
Calibration Date: 2017-03-31 06:50:36 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0000	5.0006	0.0132
Pressure	2.1001	2.1006	0.0101
Pressure	0.0002	0.0010	0.0164
Temperature	24.9000	24.9117	0.0117

Calibration Procedures and Equipment Used:

Automated calibration procedures used.

Manu Agilent Model 34980A SerialNo MY44001931

Manu Instrulab Model 4312A-15 SerialNo 41014

Manu Instrulab Model 832-151-01 SerialNo 12083

Manu Mensor Model CPC6000 SerialNo 410008J4

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: WR

PZ-1

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **449089**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2016-03-09 23:38:50 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0 PSI to 5 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	5.0005	0.0005	PSI
Pressure	2.0000	1.9998	-0.0002	PSI
Pressure	-0.0006	-0.0002	0.0003	PSI
Temperature	38.8650	38.9066	0.0416	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.

Manu Agilent Model 34970A SerialNo MY44038789

Manu Mensor Model CPC6000 SerialNo 41000617

Manu Instrulab Model 3312A-14-15-24 SerialNo 31154

Manu Instrulab Model 406X-0031-01 SerialNo 2-31125

Manu Agilent Model 53131A-010 SerialNo MY47002282

Manu MENSOR Model 600 SerialNo 620225

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: SR*P2-2*

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **533924**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2017-07-17 17:20:42 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0000	4.9989	-0.0011	PSI
Pressure	2.0000	2.0006	0.0006	PSI
Pressure	0.0001	0.0002	0.0001	PSI
Temperature	39.1260	39.1205	-0.0055	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34970A SerialNo MY44038835
Manu Mensor Model CPC6000 SerialNo 610915
Manu Instrulab Model 3312A-14-15-24 SerialNo 31102-(41037)
Manu Instrulab Model 406X-0031-01 SerialNo 31099-2
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 622742

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: EC

07-2017

P2-2



Calibration Report

Report Number: 20170328201735-396425

221 East Lincoln Avenue, Fort Collins, CO 80524 USA

1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 396425

Calibration Details:

Calibration Result: PASS
Calibration Date: 2017-03-28 20:17:35 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0000	5.0007	0.0134
Pressure	2.1000	2.1011	0.0216
Pressure	0.0001	0.0015	0.0264
Temperature	24.8990	24.8860	-0.0130

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44001931
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12083
Manu Mensor Model CPC6000 SerialNo 410008J4
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 622004

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: FM

Report generated: 2017-03-31 12:57:18 UTC

Copyright © 2005-2017 In-Situ, Inc.

Page 1 of 1

P2-3

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI / 3.5 m / 11.5 ft / vented**
Serial Number: **476123**
Hardware Version: **5**
Firmware Version: **3.03**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2016-09-09 16:42:05 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0 PSI to 5 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation	Unit
Pressure	5.0001	5.0009	0.0008	PSI
Pressure	2.0000	1.9999	-0.0001	PSI
Pressure	-0.0001	-0.0004	-0.0002	PSI
Temperature	38.8490	38.8443	-0.0047	C

Calibration Procedures and Equipment Used:

Automated calibration procedures used.

Manu Agilent Model 34970A SerialNo MY44038789

Manu Mensor Model CPC6000 SerialNo 610913

Manu Instrulab Model 3312A-14-15-24 SerialNo 31154

Manu Instrulab Model 406X-0031-01 SerialNo 19528-1

Manu Agilent Model 53131A-010 SerialNo MY47002282

Manu MENSOR Model 600 SerialNo 622004

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: RS

Instrument Details:

Instrument Model: **Level TROLL 500**
Full Scale Pressure Range: **5 PSI vented**
Serial Number: **118801**

Calibration Details:

Calibration Result: **PASS**
Calibration Date: **2016-06-07 21:57:38 (UTC)**
Nominal Range of Applied Temperature: **-5 C to +50 C**
Temperature Accuracy Specification: **+/- 0.1 C From -5 C to +50 C**
Nominal Range of Applied Pressure: **0.0 PSI to 5.0 PSI**
Pressure Accuracy Specification: **+/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C**

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0019	5.0009	-0.0196
Pressure	2.1014	2.1002	-0.0220
Pressure	-0.0002	-0.0016	-0.0282
Temperature	24.9210	24.9316	0.0106

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44002373
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12157
Manu Ruska Model 7215xi SerialNo 53143

Notes:

1. Standards used in this calibration are traceable to the National Institute of Standards and Technology.
2. This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
3. A calibration interval of 12 to 18 months is recommended.

Performed By: WR



Calibration Report

Report Number: 20160805184918-350212

221 East Lincoln Avenue, Fort Collins, CO 80524 USA

1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598

Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 350212

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2016-08-05 18:49:18 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0000	4.9977	-0.0473
Pressure	2.1000	2.0976	-0.0469
Pressure	0.0001	-0.0025	-0.0518
Temperature	24.6750	24.6454	-0.0296

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44014053
Manu Instrulab Model 4312A-15 SerialNo 30117
Manu Instrulab Model 832-151-01 SerialNo 12086
Manu Mensor Model CPC6000 SerialNo 410009W9
Manu Mensor Model CPC6000 SerialNo 410007P4

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: FM

Report generated: 2016-08-09 15:42:51 UTC

Copyright © 2005-2016 In-Situ, Inc.

Handwritten signature: PTE SN 1119 1020

Page 1 of 1



Calibration Report

Report Number: 20151226175527-120832
221 East Lincoln Avenue, Fort Collins, CO 80524 USA
1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598
Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 500
Full Scale Pressure Range: 5 PSI vented
Serial Number: 120832

Calibration Details:

Calibration Result: PASS
Calibration Date: 2015-12-26 17:55:27 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	4.9990	4.9975	-0.0307
Pressure	2.1000	2.0978	-0.0440
Pressure	0.0001	-0.0020	-0.0414
Temperature	24.9270	24.9371	0.0101

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34980A SerialNo MY44014053
Manu Instrulab Model 4312A-15 SerialNo 41014
Manu Instrulab Model 832-151-01 SerialNo 12157
Manu Ruska Model 7215xi SerialNo 53143

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: WBJ

11/26/15 J. POLAR



Calibration Report

Report Number: 20170610125230-526921
221 East Lincoln Avenue, Fort Collins, CO 80524 USA
1-970-498-1500, 1-800-446-7488, FAX: 1-970-498-1598
Visit us at www.in-situ.com

Instrument Details:

Instrument Model: Level TROLL 700
Full Scale Pressure Range: 5 PSI / 3.5 m / 11.5 ft / vented
Serial Number: 526921

Calibration Details:

Calibration Result: **PASS**
Calibration Date: 2017-06-10 12:52:30 (UTC)
Nominal Range of Applied Temperature: -5 C to +50 C
Temperature Accuracy Specification: +/- 0.1 C From -5 C to +50 C
Nominal Range of Applied Pressure: 0.0 PSI to 5.0 PSI
Pressure Accuracy Specification: +/- 0.1 %FS from -5 C to +50 C, +/- 0.05 %FS at +15 C

Post-Calibration Check:

Parameter	Applied	Reported	Deviation
Pressure	5.0000	5.0004	0.0077
Pressure	2.0000	1.9993	-0.0130
Pressure	-0.0002	-0.0010	-0.0141
Temperature	38.8030	38.8024	-0.0006

Calibration Procedures and Equipment Used:

Automated calibration procedures used.
Manu Agilent Model 34970A SerialNo MY44015965
Manu Mensor Model APC600 SerialNo 610913
Manu Instrulab Model 3312A-14-15-24 SerialNo 31099
Manu Instrulab Model 406X-0031-01 SerialNo 31098-3
Manu Mensor Model APC600 SerialNo 622745
Manu Agilent Model 53131A-010 SerialNo MY47002282
Manu MENSOR Model 600 SerialNo 622004

Notes:

- Standards used in this calibration are traceable to the National Institute of Standards and Technology.
- This calibration report shall not be reproduced, except in full, without the written approval of In-Situ, Inc.
- A calibration interval of 12 to 18 months is recommended.

Performed By: KK

Report generated: 2017-08-22 8:39:41 UTC

Copyright © 2005-2017 In-Situ, Inc.

Page 1 of 1

PK/LAL



Gerencia Hidrogeología Salar
Monitoreo Recursos Hídricos y Medio Ambiente

Registro de control y calibración equipos de terreno

Fecha	Equipo	Codigo					Monitor	Firma
24.07.17 18:45	pHmetro	PH/COND 3320 SENTIX		Buffer 4.00 ± 0.05	Buffer 7.00 ± 0.05	T°	Gonzalo Puga	
			Lectura	4.07	6.98	22°C		
			Ajuste	4.01	7.00	22°C		
			Verificación	4.01	7.02	22°C		
24.07.17 18:55	Conductivimetro	PH/COND 3320 TETRACOM 325		estándar 0,01 mol/l KCl		T°	Gonzalo Puga	
			Lectura	1389		22.5°C		
			Ajuste	1459		22.5°C		
			Verificación	1457		22.5°C		
	Oxigeno disuelto			OxiCal®-SL		T°		
			Lectura					
22.10.17 14:15	pHmetro	PH/COND 3320 SENTIX		Buffer 4.00 ± 0.05	Buffer 7.00 ± 0.05	T°	Gonzalo Puga	
			Lectura	4.12	7.06	21°C		
			Ajuste	4.01	7.01	21°C		
			Verificación	4.01	7.01	21°C		
22.10.17 15:00	Conductivimetro	PH/COND 3320 TETRACOM 325		estándar 0,01 mol/l KCl		T°	Gonzalo Puga	
			Lectura	1501		20.5°C		
			Ajuste	1463		20.5°C		
			Verificación	1471		20.5°C		
	Oxigeno disuelto			OxiCal®-SL		T°		
			Lectura					
23.01.18	pHmetro	PH/COND 3320 SENTIX		Buffer 4.00 ± 0.05	Buffer 7.00 ± 0.05	T°	Gonzalo Puga	
			Lectura	4.12	7.14	20.0		
			Ajuste	4.01	7.02	20.0		
			Verificación	3.98	7.09	20.0		
23.01.18	Conductivimetro	PH/COND 3320 TETRACOM 325		estándar 0,01 mol/l KCl		T°	Gonzalo Puga	
			Lectura	1446		19.5		
			Ajuste	1426		19.5		
			Verificación	1427		19.5		
	Oxigeno disuelto			OxiCal®-SL		T°		
			Lectura					



SEBA - HYDROMETRIE

Gewerbestr. 61a Telefon 08341 / 9648-0
87600 Kaufbeuren Telefax 08341 / 964848
Germany
eMail info@seba.de



Kunde: SQM Salar S.A., CHILE
Auftragsnummer: RK16-00893

Prüf- und Kalibrierzertifikat für Wasserqualitäts-Sonden

Gerätedaten Sonde:

Gerätetyp:	MPS-D3	Software-Version:	4.07
Serien-Nr.:	4308	Bedienprogramm Sonde:	SebaConfig
Adresse:	32	Schnittstelle:	RS485
Revision-Nr.:	3.01		

Kalibrierung und Kontrolle:

Sensor	Einheit	Ist	Soll
Temperatur	°C	24,994	25
Leitfähigkeit	mS	1,852	1,85
Druck	m	-0,86	-0,972

Temperatur: Kalibrierung Quecksilberthermometer (+/-0,02°C) bei 1°C und 25°C; Leitfähigkeit: Kalibrierung mit Präzisionswiderständen (+/-0,05%), Abgleich Zellkonstante mit WTW Referenzgerät Cond. 330i Zelle Tetracon 325, kalibriert mit Primärstandard 1413µS N.I.S.T. zertifiziert; Druck: Kalibrierung mit Druckgerät DPI 600, 1.Pkt. 0 mWs und am Messbereichsende; pH: Kalibrierung mit Puffer pH4 und pH7 (zertifiziert gemäß N.I.S.T.); O₂: Kalibrierung 0-Wert mit Sulfidlösung und wasserdampfgesättigter Luft, Kontrolle in 100% sauerstoffgesättigtem Wasser; Redox: Kontrolle mit 220mV Redoxlösung (Qualitäts zertifiziert); Trübung: 1.Pkt. 0-Punkt Dest. Wasser (Wasser zur Analyse), 2. Pkt. Polymerstandard abgeglichen mit zertifiziertem Formazin Trübungs-Standard.

Einstellungen Parameter:

Leitfähigkeit: T-komp: nLf T-ref: 25°C TDS-Faktor: 0,67 mg/l
Druck: Messbereich: 0-600 m absolut Messart: Wasserhöhe über Sensor

Kaufbeuren, 12.04.17

Prüfer: kc

.....*Koch*.....

Solinst Canada Ltd.

35 Todd Road
Georgetown, ON
Canada, L7G 4R8

Tel: (905) 873-2255; (800)661-2023
Fax: (905) 873-1992; (800) 516-9081

Email: Instruments@solinst.com
Web Site: www.solinst.com

August 24, 2017

CERTIFICATE OF QUALITY AND CONFORMITY

We hereby certify that the following instrumentation as manufactured by Solinst Canada Ltd. on Sales Order S000208993 are built to good quality and conform to the individual product standards set out by Solinst Canada Ltd.

In addition, we hereby certify that Solinst Canada Ltd. has the manufacturing tools, experience and capacity to provide the equipment specified, to our quality standards, in a timely manner.

Qty	Item	Description	Serial List
1	110190	101 Water Level Meter, P7/LM3/30m	268892
1	112285	102 Water Level Meter, P10/N3/250m (laser marked)	285502
1	112269	102M Mini Water Level Meter, P10/N3/25m (laser marked)	288629
1	110942	122M (CSA) Mini Interface Meter, P8/LN3/25m (Laser Marked - Case Extra)	268096
1	100290	101 Water Level Meter, P2/M3/100m	279943
1	101677	101 Water Level Meter, P2/M3/60m	279981

Issued by Manufacturer
SOLINST CANADA LTD.



Chris Batt
Sales Manager

Solinst Canada Ltd.

35 Todd Road
Georgetown, ON
Canada, L7G 4R8

Tel: (905) 873-2255; (800) 661-2023
Fax: (905) 873-1992; (800) 516-9081

Email: Instruments@solinst.com
Web Site: www.solinst.com

August 24, 2017

CERTIFICATE OF QUALITY AND CONFORMITY

We hereby certify that the following instrumentation as manufactured by Solinst Canada Ltd. on Sales Order S000204916 are built to good quality and conform to the individual product standards set out by Solinst Canada Ltd.

In addition, we hereby certify that Solinst Canada Ltd. has the manufacturing tools, experience and capacity to provide the equipment specified, to our quality standards, in a timely manner.

Qty	Item	Description	Serial List
3	101679	101 Water Level Meter, P2/M3/150m	253032, 269296, 269299
2	100572	101 Water Level Meter, P2/M3/250m	269295, 269329
20	105940	101 P2 SS Probe on 3m tape section for Water Level Meter	270372, 270380, 271751, 271754, 271755, 271757, 271774, 271780, 271894, 271906, 271909, 271911, 271914, 271916, 271917, 271923, 271932, 271935, 271936, 271938
10	110277	101 107 122 Tape Splice Assy (Crimp Style-150 psi) for the Water Level Meter	

Issued by Manufacturer
SOLINST CANADA LTD.



Chris Batt
Sales Manager