

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: L7 645

RO: 2018-05-14-57

Project: SMP

Only if the qualified individual has this non

- Notes: (1) Always wait for meter to stabilize before recording any readings.
 (2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
 (3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Circle/Fill in: Lab Calibration or Calibration/Verification on Site

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 1/9/18

DOF SOP	Name	Date	Time	DOF	DOF	DOF	DOF	DOF	DOF	DOF	DOF	DOF
Calibr.	Alex Miranda	5/17/18	8:30	23.36	8.5	8.52	100		1.0	P/F	L/F	
ICV	Alex Miranda	5/17/18	8:32	23.39	8.5	8.52	100		1.00	P/F	L/F	
CCV	Alex Miranda	5/17/18	16:20	21.9	2.8	8.9	100		1.02	P/F	L/F	
CCV												

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

DOF SOP	Name	Date	Time	DOF	DOF	DOF	DOF	DOF	DOF	DOF	DOF	DOF
Calibr.	Alex Miranda	5/17/18	8:38	271.453	10/19	1000	1000		P/F	L/F		
ICV	Alex Miranda	5/17/18	8:40	271.081	9/19	100	102		P/F	L/F		
CCV	Alex Miranda	5/17/18	16:21	280.166	1/20	500	499		P/F	L/F		
CCV												

Conductivity Acceptance criteria $\pm 5\%$

DOF SOP	Name	Date	Time	DOF	DOF	DOF	DOF	DOF	DOF	DOF	DOF	DOF
Calibr.	Alex Miranda	5/17/18	8:42	174544	06/19	7.0	7.02	-4.6	P/F	L/F		
Calibr.	Alex Miranda		8:46	177238	10/19	4.0	3.99	169.8	P/F	L/F		
Calibr.	Alex Miranda		8:48	76507	9/19	10.0	10.01	-179.1	P/F	L/F		
ICV	Alex Miranda		8:50	176507	9/19	10.0	10.01	179.1	P/F	L/F		
CCV	Alex Miranda	5/17/18	16:28	177238	10/19	4.0	4.0	171.1	P/F	L/F		
CCV												

pH Acceptance criteria ± 0.2 SU;

mV pH 7 Range 0 ± 50 ;

mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 174.4,

slope from 4 to 7 173.1

(both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification 5/14/18 1/9/18

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time	Calibrated Value (0.00 or Offset), meters	ICV Value meters	Pass / Fail	Lab / Field
Pressure mode in air	Alex Miranda	5/17/18	8:52	0.0	0.0	P/F	L/F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or $\pm 0.05m$, whichever is greater.

COMMENTS: