

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

boldly X's & box if there qualified data this none.

Meter ID: L7 645

RD: 2018-02-19-39

Project: SMP

- 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

DO FDEP SOP FT 1500	Name	Date	Time CT:ET	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F
Calibr.	Alex Miranda	3/21	7:40	23.7	8.5	8.57	100	43.1	1.22	P/F	L/F		
ICV		3/21	7:42	23.8	8.5	8.5	100	43.1		P/F	L/F		
CCV	Alex Miranda		16:19	23.3	8.5	8.47	99.3	52.5		P/F	L/F		
CCV										P/F	L/F		

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.

Spec Code FT 1200	Name	Date	Time CT:ET	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F
Calibr.	Alex Miranda	3/21	7:46	27.1	45.3	10/19	1000	1000		P/F	L/F		
ICV		3/21	7:48	27.1	0781	9/19	100	102		P/F	L/F		
CCV	Alex Miranda	3/21	16:20	26.0	43.9	4/18	1000	10245		P/F	L/F		
CCV										P/F	L/F		

Conductivity Acceptance criteria $\pm 5\%$

DO FDEP SOP FT 1400	Name	Date	Time CT:ET	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F	Temp. C/F
Calibr.	Alex Miranda	3/21	7:50	17.4	54.4	06/19	7.0	7.0	44.8	P/F	L/F		
Calibr.			7:52	17.4	99.8	7/19	4.0	4.0	133.1	P/F	L/F		
Calibr.			7:54	17.0	26.6	3/19	10.0	10.0	224.1	P/F	L/F		
ICV			7:56	17.0	26.6	3/19	10.0	9.97	222.2	P/F	L/F		
CCV	Alex Miranda		16:22	17.4	99.8	7/19	4.0	4.00	132.6	P/F	L/F		
CCV										P/F	L/F		

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 10 179.3, slope from 4 to 7 177.9 (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 1/9/18

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT:ET	Calibrated Value (0.00 or Offset), meters	ICV Value meters	Pass/ Fail	Lab/ Field
Pressure mode in air	Alex Miranda	3/21	8:00	0.00	0.0	P/F	L/F

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

COMMENTS: