

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

2020-10-17-13

16672010

box. If there are
qualified data on
the area.

this page.

1001

○

10

100

1

100

11

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.

Temperature (Quarterly) FT 1400

[illegible]

O Acceptance criteria from Table ± 0.3 mg/L. **Rapid-Pulse Sensors:** DO Gain Range 0.7 to 1.4; DO Charge Range 25-75. **Optical:** DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. **Steady-state & Galvanic Sensors:** DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT(F)	Lot #	Expir. Date	Standard μmhos/cm	Meter Reading μmhos/cm	Pass / Fail	Lab / Field
Calibr.	Ben Hardin	10/22/08	0754	191120D	12/20	1100	1010	(P)/F	(P)/F
ICV	"	"	0755	291169B	11/21	100.0	104.0	(P)/F	(P)/F
CCV	"	"		191120D	12/20	6000	945	(P)/F	(P)/F
CCV				1503				P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$ [illegible]

Acceptance criteria ± 0.2 SU;	mV pH 7 Range 0 ± 50 ;	mV pH 4 Range $+180 \pm 50$;	mV pH 10 Range -180 ± 50 ;
mV are recorded: slope from 7 to 10	6.0	slope from 4 to 7	17.5 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)
If YES, complete daily Calibr. & (CV) below and list date of last quarterly depth verification: 07/20

what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last verification: _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time (CT [±])	Calibrated Value (0.00 or Offset) meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air	Ben Hedden	10/27/20	07:44	0.000	0.000	P / F	P / F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV accuracy ± 0.001 m.

ICV acceptance criteria $\pm 5\%$ or $\pm 0.05m$, whichever is greater.

Form effective August 1, 2018