

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

12.0



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

Date of last Temperature Verification

6/18/19

DO	FT 1500	Calibr.	Name	Date	Time	GT-ET	Temp	DO	DO	Probe	Probe	Pass	Lab	Field	P/F	L/F
CCV																
CCV																
ICV																
Calibr.																
Calibr.																
ICV																
CCV																
CCV																

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.

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

Spec	Cond	FT 1200	Calibr.	Name	Date	Time	GT-ET	Temp	Standard	Reading	Pass	Lab	Field	P/F	L/F
CCV															
CCV															
ICV															
Calibr.															
Calibr.															
ICV															
CCV															
CCV															

Conductivity Acceptance criteria $\pm 5\%$

PH	DEP SOP	FT 1100	Calibr.	Name	Date	Time	GT-ET	Temp	PH	Temp	Meter	Pass	Lab	Field	P/F	L/F
CCV																
CCV																
ICV																
Calibr.																
Calibr.																
ICV																
CCV																
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 ± 1.5 , slope from 4 to 7 ± 1.5 (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: Secchi Disk Line / Sonar Unique ID: 668345 Date of last verification: 6/18/19
 If NO, what will be used? (circle one)

Depth Sensor	(Daily Calibration & ICV)	Name	Date	Time	GT-ET	Calibrated Value (0.00 or meters)	Offset, meters	Pass	Lab	Field	P/F	L/F
CCV												
CCV												
ICV												
Calibr.												
Calibr.												
ICV												
CCV												
CCV												

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

COMMENTS:

Form effective August 1, 2018