

J Qualified on DO

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

Boxed "X" this box if there are qualified data on this page.

Meter ID: Promove

RQ: 2022-03-07-37

Project: CM-imperial

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 11/30/21

DO Depth Feet	Name	Date	Time HH:MM	Temp °C	Baro meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Monica Jaeger	3/14/22	718	24.7	764.1	8.3	8.35	100.7		1.118	P/F	L/F
ICV	11	11	720	24.8	764	8.4	8.37	101.0			P/F	L/F
CCV	11	11	1044	26.0	765.1	8.2	8.71	107.2			P/F	L/F
CCV											P/F	L/F

DO 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 Code Range	Name	Date	Time HH:MM	Lot #	Expir Date	Standard umhos/cm	Meter Reading umhos/cm	Pass / Fail	Lab / Field
Calibr.	Monica Jaeger	3/14/22	724	407981	7/23	10,000	10,000	P/F	L/F
ICV	11	11	726	2109K87	9/23	100	97.2	P/F	L/F
CCV	11	11	1131	1108C98	8/23	2500	2510	P/F	L/F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH Depth Feet	Name	Date	Time HH:MM	Lot #	Expir Date	pH Buffer Std	Temp °C	Meter reading mV	mV	Pass / Fail	Lab / Field
Calibr.	Monica Jaeger	3/14/22	730	1112468	11/23	7.0	24.9	7.0	-10.2	P/F	L/F
Calibr.	11	11	731	2112973	12/23	4.01	25.1	4.01	709.6	P/F	L/F
Calibr.	11	11	734	2112071	6/23	10.0	25.1	10.0	-183.4	P/F	L/F
ICV	11	11	737	2112973	12/23	4.0	25.0	4.01		P/F	L/F
CCV	11	11		2112071	6/23	10.0	25.0	10.02		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 10 173.2 slope from 4 to 7 179.8 (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. & ICV below and list date of last quarterly depth verification:

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: Deep Blue ; Date of last verification: 2/24/22

Depth Feet	Name	Date	Time HH:MM	Calibrated Value (meters)	Raw Value (meters)	Pass / Fail	Lab / Field
Pressure mode in air						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: