

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

Boldly "X" this box if there is qualified data on this page.

Meter ID: L.I.G.V.S.

Project: SNP Ver.

- Notes: (1) Numbers ≤ 4 , are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).
 (2) Always wait for meter to stabilize before recording any readings.
 (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 9/20/16

Calibr.	J. PINS	10/31	8:53	23.4	8.5	8.5	100	60	1.15	P	L
ICV			8.54	23.4	8.5	8.5	100	61	—	P	L
CCV	must be	10/31	1730	26.0	8.1	8.2	102	52.3		P	L
CCV											

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.

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; DO charge N/A.

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

Calibr.	J. PINS	10/31	8:55	260603	2/18	1000	1000	P	L
ICV			8.56	2604736	3/18	100	103	P	L
CCV	msed	10/31	1745	260525	10/17	5000	5003	P	L
CCV									

Report specific conductance as a whole number with no decimal figure.

Conductivity Acceptance criteria $\pm 5\%$

Calibr.	J. PINS	10/31	8:58	161856	4/18	7.0	7.0	-25	P	L
Calibr.			8:59	163027	5/18	4.0	4.0	153	P	L
Calibr.			9:00	160910	3/18	10.0	10.0	-204	P	L
ICV			9:01	160910	3/18	10.0	10.0	-204	P	L
CCV	must be	10/31	1745	163027	5/18	4.0	4.0	156	P	L
CCV										

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU; mV pH7 Range 0 ± 50 ;

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

mV pH 10 Range -180 ± 50 ;

Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly)

Date of Last Depth Verification 9/20/16

Depth Sensor (Daily)	Name	Date	Time (H-M)	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air	J. PINS	10/31	9:03	0.000	0.00	P	L

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