

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

Meter ID: **YSI Pro Series #2**

This Sheet is for when you **CALIBRATE**

April 2019 version

CCV = Initial Calibration Verification (done in Read Mode)

Date 11/18/20 Calibration Time 08:52 Project Name SRB2011

Circle/Fill In: Lab Calibration or Calibration on Site

Temperature (Monthly)

Date of Last Temperature Verification 10/06/20

Pass or Fail

Probe 0.8 °C NIST 1.2 °C Probe 43.0 °C NIST 43.7 °C LRK P F

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 19.9 °C 110.1 % 10.02 mg/L 768 Baro P F

Calibrated Reading: 20.0 °C 101.0 % 9.18 mg/L 768 Baro P F

ICV: 20.1 °C 100.5 % 9.13 mg/L 768 Baro P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
Calibration:	<u>09/2021</u>	<u>200820</u>	<u>1000</u>	<u>995</u>	<u>1000</u>	P <u>F</u>

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
ICV:	<u>02/2021</u>	<u>200212</u>	<u>100</u>	<u>101.2</u>	<u>100</u>	P <u>F</u>

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
ICV:						P F

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
ICV:						P F

pH

In Calibrate Mode

Standard	Exp. Date	Lot #	Temperature	Initial Reading	pH	Calibrated Reading	Temperature	pH	
7.00 SU	<u>02/2022</u>	<u>200806A</u>	<u>21.8</u>	<u>7.05</u>	<u>21.6</u>	<u>7.07</u>	<u>21.6</u>	<u>7.07</u>	P <u>F</u>
10.00 SU	<u>02/2022</u>	<u>200806B</u>	<u>21.6</u>	<u>10.19</u>	<u>21.6</u>	<u>10.19</u>	<u>21.6</u>	<u>10.19</u>	P <u>F</u>
4.00 SU	<u>01/2021</u>	<u>200513</u>	<u>21.5</u>	<u>4.00</u>	<u>21.5</u>	<u>3.98</u>	<u>21.5</u>	<u>3.98</u>	P <u>F</u>

In Read Mode (use same standards used during calibration)

	Standard	Temperature	pH Reading	pH mV Reading	
ICV:	7.00 SU	<u>21.8</u> °C	<u>6.96</u> SU	<u>-32.6</u> pH mV	P <u>F</u>
ICV:	10.00 SU	<u>21.7</u> °C	<u>10.01</u> SU	<u>-268.3</u> pH mV	P <u>F</u>
ICV:	4.00 SU	<u>21.5</u> °C	<u>3.97</u> SU	<u>139.6</u> pH mV	P <u>F</u>

Maintenance: Specific Conductance Probe Cleaned? Y N
 pH Probe Cleaned? Y N
 Dissolved Oxygen Membrane Changed? Y N
 Were the batteries replaced? Y N

Notes:

Lindsey Kelly
 Print name of person performing calibrations.

Acceptance Criteria: (DO ± 0.3 mg/l) (Specific Conductance $\pm 5\%$) (pH ± 0.2 SU) (Temperature ± 0.5 °C)
 Record Temperature and pH to 1 decimal place; D.O. to 2 decimal places

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

Meter ID: **YSI Pro Series #2**

This Sheet is for **CALIBRATION CHECKS**

April 2019 version

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

CCV= Continuing Calibration Verification (done in Read mode)

SS= Same Standard Used for Initial Calibration (Exp Date and Lot # not required if Y is circled)

Date 11/13/20 Time 15:27 Circle CCV that applies: Morning Mid-Day End of Day

Project Name: SRB2011 Analyst Name: LRK

Dissolved Oxygen

CCV: 19.3 °C 102.0 % 9.37 mg/L 768 Baro P F

IF oxygen fails re-calibrate and fill out the following:

Calibrated Reading: _____ °C _____ % _____ mg/L _____ Baro P F

ICV: _____ °C _____ % _____ mg/L _____ Baro P F

Specific Conductance

SS Exp. Date Lot # Standard Reading

CCV: Y N _____ 1000 996 P F

CCV: Y N _____ 100 101.3 P F

CCV: Y N _____ _____ _____ P F

_____ μS/cm _____ μS/cm

pH

SS Exp. Date Lot # Standard Temperature pH

CCV: Y N _____ 7.00 21.6 °C 6.95 SU P F

CCV: Y N _____ 10.00 21.6 °C 9.97 SU P F

CCV: Y N _____ 4.00 21.4 °C 4.03 SU P F

Notes:

Were the batteries replaced? Y N

Date _____ Time _____ Circle CCV that applies: Morning Mid-Day End of Day

Project Name: _____ Analyst Name: _____

Dissolved Oxygen

CCV: _____ °C _____ % _____ mg/L _____ Baro P F

IF oxygen fails re-calibrate and fill out the following:

Calibrated Reading: _____ °C _____ % _____ mg/L _____ Baro P F

ICV: _____ °C _____ % _____ mg/L _____ Baro P F

Specific Conductance

SS Exp. Date Lot # Standard Reading

CCV: Y N _____ _____ _____ P F

CCV: Y N _____ _____ _____ P F

CCV: Y N _____ _____ _____ P F

_____ μS/cm _____ μS/cm

pH

SS Exp. Date Lot # Standard Temperature pH

CCV: Y N _____ 7.00 _____ °C _____ SU P F

CCV: Y N _____ 10.00 _____ °C _____ SU P F

CCV: Y N _____ 4.00 _____ °C _____ SU P F

Notes:

Were the batteries replaced? Y N

Acceptance Criteria: (DO ±0.3mg/l) (Specific Conductance ± 5%) (pH ± 0.2SU) (Temperature ±0.5°C)

Record Temperature and pH to 1 decimal place; D.O. to 2 decimal places