

FIELD INSTRUMENT CALIBRATION RECORDS - CALIBRATION LOG - PRP

Project Site/FacID: _____

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

Calibrated by (Print)/Affiliation: _____

Temperature (Quarterly) Date of Last Temp Verification: _____ See log book: _____

DISSOLVED OXYGEN (DO) (REFERENCE: DEP SOP FT 1500)											Acceptance Criteria +/-0.3 mg DO/L		
Meter/Instrument Name and Unique ID: _____													
CAL	ICV	CCV	Initials	Date	Time	Standard (DO %)	Temp °C	DO Saturation mg/L (100%)**	Response DO (%)	Response mg DO/L	Deviation mg DO/L	Pass	Fail
CAL	ICV	CCV	_____	_____	_____	100%	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	100%	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	100%	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	100%	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	100%	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	100%	_____	_____	_____	_____	_____	P	F

** See Table FS 2200-2 and/or Table FT 1500-1 for Dissolved Oxygen 100% Saturation (mg/L) corresponding to Temperature.

SPECIFIC CONDUCTANCE (REFERENCE: DEP SOP FT 1200)											Acceptance Criteria +/-5% the standard	
Meter/Instrument Name and Unique ID: _____												
CAL	ICV	CCV	Initials	Date	Time	Standard (µmho/cm)	Exp. Date	Lot #	Response (µmho/cm)	Deviation (%)	Pass	Fail
CAL	ICV	CCV	_____	_____	_____	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	_____	_____	_____	_____	_____	P	F

OXIDATION-REDUCTION POTENTIAL (ORP)											Acceptance Criteria +/-10 mV	
REFERENCE: EPA Region 4, Operating Procedure, Field Measurement of Oxidation-Reduction Potential (ORP)												
Meter/Instrument Name and Unique ID: _____												
CAL	ICV	CCV	Initials	Date	Time	Standard (mV)	Exp. Date	Lot #	Response (mV)	Deviation (mV)	Pass	Fail
CAL	ICV	CCV	_____	_____	_____	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	_____	_____	_____	_____	_____	P	F
CAL	ICV	CCV	_____	_____	_____	_____	_____	_____	_____	_____	P	F

Perform ICVs and CCVs only in "READ/RUN" mode.

CAL - Calibration; ICV - Initial Calibration Verification; and, CCV - Continuing Calibration Verification.

Deviation (%) = 100-{(Response/Standard)*100}

