Calibration check of Dissolved Oxygen meters (YSI-85+ ???) vs. Winkler titration, plus Zero-DO Check--in-lab version
(Informal conductivity precision check can also be made by comparing values.)

Visit ID (from database entry):

Chief Sampler:	Other Samplers:	Date:	Site:	Current (fps):

YSI-85 Calibration:
20' warmup in stream
Insert probe in chamber
Stabilization: 0.1% DO & 0.1˚ for 2 min.
Up & DOWN arrows
Input Elevation ZERO &

YSI-85 Readings:
Stabilize until:
--there is no longer any steady drift
--DO sat .5% & Temp 0.1˚ for 30 sec.
ENTER & hold 2 sec. -

Field calibration: Comment:

Post-Winkler Sampling: Comment:

Meter drift-checks: Comment:

Pressure	Barometer #:	Post-sampling pressure:

Meter #	Replaced membrane?	Field calibration: Time: Temp	Field calibration: Time: Post-cal DO mg/L	Post-Winkler Sampling: Time: Water Temp	Post-Winkler Sampling: Time: DO Sat %	Post-Winkler Sampling: Time: DO Mg/L	Post-Winkler Sampling: Time: Cond	Meter drift-checks: Time: Temp	Meter drift-checks: Time: DO % or mg/L	Comments:
YSI-85 Kit 1									%	
YSI-85 Kit 2									%	
YSI-85 Kit 3									%	
YSI-85 Kit 4									%	
YSI ProDSS		Test without recalibrating							%	
Hydrolab CCEH									mg /L	
Hydrolab JSKT									mg /L	

Lab location: **Chief + other samplers (if different):** **Visit ID (from database entry):**

Winkler titrations:

Bottle #	Sample Collection Time	Thiosulfate exp. Date	Thiosulfate Lot #	Thiosulfate titration volume	Bi-iodate exp. Date	Bi-iodate Lot #	Thiosulfate normality Check	Comments: (if data not usable, explain)
1								
2								
3								
Drift ✓ 1 (circle→)	Thiosulfate/ Bi-iodate			← OR →				
Drift ✓ 2 (circle→)	Thiosulfate/ Bi-iodate			← OR →				
Drift ✓ 3 (circle→)	Thiosulfate/ Bi-iodate			← OR →				

Zero DO check:

	Reached 10% within 28 sec Y/N	Reached 2% within 5 min Y/N
Sodium Sulfite	Lot #:	
YSI-85 Kit 1		
YSI-85 Kit 2		
YSI-85 Kit 3		
YSI-85 Kit 4		
YSI ProDSS	See ProDSS cal/maint data sheet	
Hydrolab CCEH		
Hydrolab JSKT		

ENTER RESULTS IN DATABASE AND RUN Q-CHECK REPORT TO DOCUMENT AND CONFIRM RESULTS