

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):

<b>Chief Sampler:</b>	<b>Other Samplers:</b>	<b>Date:</b>	<b>Site:</b>	<b>Current (fps):</b>
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<b>YSI-85 Calibration:</b> • 20' warmup in stream • Insert probe in chamber • Stabilization: ± 0.1% DO & 0.1" for 2 min. • Up & DOWN arrows • Input Elevation ZERO &		<b>Field calibration:</b>		<b>Post-Winkler Sampling:</b>				<b>Meter drift-checks:</b>		<b>YSI-85 Readings:</b> • Stabilize until: --there is no longer any steady drift --DO sat ± .5% & Temp ± 0.1" for 30 sec. • ENTER & hold 2 sec. -	
		<b>Comment:</b>		<b>Comment:</b>				<b>Comment:</b>			
<b>Pressure</b>	<b>Barometer #:</b>	<b>Time:</b>		<b>Time:</b>				<b>Time:</b>		<b>Post-sampling pressure:</b>	
<b>Meter #</b>	<b>Replaced membrane?</b>	<b>Temp</b>	<b>Post-cal DO mg/L</b>	<b>Water Temp</b>	<b>DO Sat %</b>	<b>DO Mg/L</b>	<b>Cond</b>	<b>Temp</b>	<b>DO % or mg/L</b>	<b>Comments:</b>	
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		

<b>Lab location:</b>	<b>Chief + other samplers (if different):</b>	<b>Visit ID (from database entry):</b>
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<b>Winkler titrations:</b>								<b>Zero DO check:</b>				
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)			Reached 10% within 28 sec Y/N	Reached 2% within 5 min Y/N
1										Sodium Sulfite	Lot #:	
2										YSI-85 Kit 1		
3										YSI-85 Kit 2		
Drift ✓ 1 (circle→)	Thiosulfate/ Bi-iodate			← OR →						YSI-85 Kit 3		
Drift ✓ 2 (circle→)	Thiosulfate/ Bi-iodate			← OR →						YSI-85 Kit 4		
Drift ✓ 3 (circle→)	Thiosulfate/ Bi-iodate			← OR →						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**