



120-52 Dual Cell UCA Calibration Report

Order Number: NEW
 Serial Number: 5372710000001
 Cell 1 S/N: HM0324-10
 Cell 2 S/N: HM0324-07

Calibration Date: 12/18/2024
 Calibration Due Date: 12/18/2025

Thermocouple Calibration				°F or °C	°F	
Dry Block	100	200	400	Allowed Deviation	Actual Deviation	Pass / Fail
Software Cell 1	99.20	198.40	400.20	2	1.6	Pass
Controller Cell 1	99.20	198.40	400.20	2	1.6	Pass
Software Cell 2	100.60	199.60	399.90	2	0.6	Pass
Controller Cell 2	100.60	199.60	399.90	2	0.6	Pass

Dry Block Calibration I.D. # 131
 Model Number: ETC400A
 Serial Number: 604975-01189

Calibration Due Date: 1/3/2025

Transducer Calibration				
	Transit Time 17.5 - 19	Cal Offset Under ± 1.5	Signal Strength	Pass / Fail
Cell 1	17.6	0.5	1	Pass
Cell 2	17.7	0.6	1	Pass
Cell 1 Transducer Set Serial Number			1523028 / 152028A	
Cell 2 Transducer Set Serial Number			1507263 / 1507263A	

Pressure Gauge Calibration						
Gauge	Target Pressure	Master Gauge	Software Reading	Unit Gauge Reading	Accepted Deviation	Pass / Fail
Cell 1	5000	5100	5061 PSI	5000 PSI	± 200 PSI	Pass
	10000	10190	10167 PSI	10000 PSI	± 200 PSI	Pass
	15000	15130	15170 PSI	15000 PSI	± 200 PSI	Pass
Cell 2	5000	5020	5047 PSI	5000 PSI	± 200 PSI	Pass
	10000	10050	10080 PSI	10000 PSI	± 200 PSI	Pass
	15000	15030	15025 PSI	15000 PSI	± 200 PSI	Pass

Master Gauge Calibration I.D. # 146
 Model Number: JHW20KGZ
 Serial Number: 1400118

Calibration Due Date: 9/17/2025

This report meets or exceeds the requirements outlined in API SP 13A Specification for Drilling-Fluid Materials for calibration of laboratory devices, using certified master test equipment that is traceable to NIST.

Calibrated By: Antonio Rico

Date: 12/18/2024

Approved By: Samantha Korenek

Date: 12/18/2024