



ES Meter Calibration Report

The Device Under Test is certified to meet the accuracy requirements stated in "API 13B-2, 11 Electrical Stability Test".

Order Number:	529210
Serial # / Local I.D. #:	3138
Calibration Date:	6/30/2025
*Recommended Due Date:	6/30/2026
Certificate Number:	313845838
Part Number:	131-50-99 ES Meter Calibration Report

Condition Found:	Reconditioned
Condition Left:	In Calibration
Repairs Required:	No
As Found Required:	No
(°F or °C):	°F

OFI Testing Equipment, Inc. - 11302 Steeplecrest Dr - Houston, Texas - 77065 - Phone: 832.320.7300 - Web: www.ofite.com

CALIBRATION STANDARDS		Range: 609V - 1952V / Acceptable tolerance is ±2.5% of full scale (FS) at 25% - 75% FS Range, unless otherwise specified.					
Low Resistor Standard	Lot Number	Manufacturer	Description	Reading (V)	Tolerance		
	TF050R	Caddock®	Hi-Volt Resistor, 9.99 MΩ + / - 0.1 %	609 V	2 %	12.18 V	
High Resistor Standard	Lot Number	Manufacturer	Description	Reading (V)	Tolerance		
	TF656R	Caddock®	Hi-Volt Resistor, 32.00 MΩ + / - 0.1 %	1952 V	2 %	39.04 V	

These devices have been calibrated using instruments and known standards which are traceable to NIST.

AS LEFT MEASUREMENTS											
	Target	Cycle 1	Variance	Cycle 2	Variance	Cycle 3	Variance	Tolerance	Actual + / -	% Difference	Pass / Fail
Low Resistor	609 V	608 V	-1 V	608 V	-1 V	608 V	-1 V	± 12.18 V	1 V	0%	Pass
High Resistor	1952 V	1968 V	16 V	1968 V	16 V	1969 V	17 V	± 39.04 V	17 V	1%	Pass
Probe in Water	<3V	2 V	N/A	2 V	N/A	2 V	N/A	N/A	2 V	N/A	Pass
Probe in Air	∞	∞	N/A	∞	N/A	∞	N/A	N/A	∞	∞	Pass
Probe Gap (Inches)	.061 in	.061 in	.000 in	.061 in	.000 in	.061 in	.000 in	.001 in	.000 in	N/A	Pass

Calibration Technician: Magdy Beshay
 Date: 6/30/2025

Reviewed By: Sean Williamson
 Review Date: 7/1/2025

ES Meter Calibration Report 02/10/2025	This report meets or exceeds the requirements outlined in API RP 13B-2 Recommended Practice for Field Testing Water-based Drilling Fluids for calibration of laboratory devices, using certified master test equipment that is traceable to NIST which is a signatory to the Mutual Recognition Arrangement (MRA) with the International Laboratory Accreditation Cooperation (ILAC).	Page 1 of 1
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