



**131-50 ES Meter Calibration Report**

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

**Equipment Information**

**Work Order:** NEW  
**Serial Number:** 11772

**Calibration Date:** 5/22/2025  
**Recommended Calibration Date:** 5/22/2026

**Calibration Standards**

Range: 609V - 1952V

Acceptable tolerance is  $\pm 2.5\%$  of full scale (FS) at 25% - 75% FS Range, unless otherwise specified.

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

Low Resistor Standard	
<b>Lot Number:</b>	TF656R
<b>Manufacturer:</b>	Caddock®
<b>Description:</b>	HI-Volt Resistor, 9.99 M $\Omega$ $\pm$ 0.1%
<b>Reading (V):</b>	609V
<b>Tolerance:</b>	2% (12.18V)

High Resistor Standard	
<b>Lot Number:</b>	TF050R
<b>Manufacturer:</b>	Caddock®
<b>Description:</b>	HI-Volt Resistor, 32.00 M $\Omega$ $\pm$ 0.1%
<b>Reading (V):</b>	1952V
<b>Tolerance:</b>	2% (39.04V)

**As Left Measurement**

	Target	Cycle 1	Variance	Cycle 2	Variance	Cycle 3	Variance	Tolerance	Actual $\pm$	% Dif	Pass/Fail
Low Resistor	609V	608V	-1V	608V	-1V	608V	-1V	$\pm$ 12.18V	1V	0%	Pass
High Resistor	1952V	1947V	-5V	1947V	-5V	1947V	-5V	$\pm$ 39.04V	5V	0%	Pass
Probe in Water	<3V	1V	N/A	1V	N/A	1V	N/A	N/A	1V	N/A	Pass
Probe in Air	$\infty$	$\infty$	N/A	$\infty$	N/A	$\infty$	N/A	n/a	$\infty$	$\infty$	Pass
Probe Gap (in)	.061in	.061in	.000in	.061in	.000in	.061in	.000in	.001in	.000in	N/A	Pass

**Technician:** Emad Hanna

**Date:** 5/22/2025

**Approved By:** Samantha Korenek

**Date:** 5/23/2025

Calibrated Per: DCF-LAB-CAL-009