



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: 11768

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 | |
|-----------------------|--|
| Lot Number: | TF656R |
| Manufacturer: | Caddock® |
| Description: | HI-Volt Resistor, 9.99 M Ω \pm 0.1% |
| Reading (V): | 609V |
| Tolerance: | 2% (12.18V) |

| High Resistor Standard | |
|------------------------|---|
| Lot Number: | TF050R |
| Manufacturer: | Caddock® |
| Description: | HI-Volt Resistor, 32.00 M Ω \pm 0.1% |
| Reading (V): | 1952V |
| Tolerance: | 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 | 609V | 0V | 609V | 0V | 609V | 0V | \pm 12.18V | V | | Pass |
| High Resistor | 1952V | 1946V | -6V | 1946V | -6V | 1946V | -6V | \pm 39.04V | 6V | 0% | Pass |
| Probe in Water | <3V | 1V | N/A | 1V | N/A | 1V | N/A | N/A | 1V | N/A | Pass |
| Probe in Air | ∞ | ∞ | N/A | ∞ | N/A | ∞ | N/A | n/a | ∞ | ∞ | 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