# OFI Testing Equipment, Inc.

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## 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

**Sales Order:** 22961 **Calibration Date:** 5/22/2025

**Serial Number:** 2812 **Recommended Calibration Date:** 5/22/2026

**Item I.D. #** **As Found Data Required by Customer?** No **Repairs Required?** No

## Calibration Standards

Range: 609V - 1952V Acceptable tolerance is ±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:** | TF050R |
| **Manufacturer:** | Caddock® |
| **Description:** | HI-Volt Resistor, 9.99 MΩ ± 0.1% |
| **Reading (V):** | 609V |
| **Tolerance:** | 2% (12.18V) |

| High Resistor Standard | |
|---|---|
| **Lot Number:** | TF656R |
| **Manufacturer:** | Caddock® |
| **Description:** | HI-Volt Resistor, 32.00 MΩ ± 0.1% |
| **Reading (V):** | 1952V |
| **Tolerance:** | 2% (39.04V) |

## As Left Measurement

| | Target | Cycle 1 | Variance | Cycle 2 | Variance | Cycle 3 | Variance | Tolerance | Actual ± | % Dif | Pass/Fail |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Low Resistor** | 609V | 612V | 3V | 612V | 3V | 612V | 3V | ± 12.18V | 3V | 0% | Pass |
| **High Resistor** | 1952V | 1918V | -34V | 1918V | -34V | 1918V | -34V | ± 39.04V | 34V | 2% | Pass |
| **Probe in Water** | <3V | 2V | N/A | 2V | N/A | 2V | N/A | N/A | 2V | 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:** Magdy Beshay **Date:** 5/22/2025 **Approved By:** Samantha Korenek **Date:** 5/27/2025

Calibrated Per: DCF-LAB-CAL-009