# Scope

This micro credential describes the minimum requirements for a candidate to prove competent using a Micro-Ohmmeter.

# MICRO-CREDENTIAL Micro-Ohmmeter

### Has the candidate completed all required safety training topics?

1. The candidate MUST have completed all required safety training prior to demonstrating this micro-credential.

### Did the candidate perform a hazard assessment for the task about to be demonstrated?

1. The candidate MUST perform a hazard assessment for the area in which they are demonstrating the micro-credential. The hazard assessment MUST be communicated to the evaluator and include all recognized hazards. Examples of hazards include but are not limited to overhead, falls, slips, trips, pinch points, arc flash, crush, high pressure fluids, electrical energy, mechanical energy, and any other recognized hazard which may cause damage or injury.

### Did the candidate inspect the micro-ohmmeter flowing manufacture instructions and declare it safe for use?

1. The candidate must follow manufacturer’s instructions to inspect the unit prior to use and check at least the lead set, display, switches, controls and case for any damage or condition which could create a hazard while using the instrument.

### Did the candidate confirm the circuit to be tested is electrically isolated?

1. The candidate MUST perform LOTO as required on the system/component being tested. The candidate MUST perform HOT-COLD-HOT (TEST-VERIFY-TEST) on the circuit/component BEFORE connecting the micro-ohmmeter.

### Did the candidate correctly determine if the component had to be removed/disconnected from the system to obtain accurate test results?

1. The candidate MUST determine if the component has to be disconnected from the circuit to obtain accurate results and MUST explain to the evaluator why it has to be/not be disconnected prior to testing.

### Did the candidate select the correct settings to make the measurements?

1. The candidate MUST select the correct mode (coil or resistance). The candidate MUST select the correct scale. The candidate MUST conduct the test and explain to the evaluator what the results indicate. The candidate MUST be able to compare the measurements to a set of specifications and determine if the component being tested is good or bad.

### Did the candidate disassemble and store the tool properly after use?

1. The candidate MUST properly disassemble and store the tool and pieces away according to the manufacturer’s instructions.

### Did the candidate perform all tasks safely?

1. The candidate MUST complete the demonstration safely according to the system being tested and the hazards identified in the hazard assessment.