# Scope

This micro-credential sets the minimum requirements for a wind technician to demonstrate basic competency when using a Digital Multimeter (DMM).

# MICRO-CREDENTIAL Digital Multi-Meter Basics

### Did the trainee properly inspect the DMM?

### Was the trainee able to identify the category of the DMM and explain the importance of knowing?

#### ****The trainee must be able to:****

1. Identify all the functions of the DMM such as Voltage, Ohms, Curent, Capacitance etc..
2. Inspect Leads for damage.
3. Demonstrate how to put the leads back into the case and understand why.
4. Explain the difference between auto ranging and non-auto ranging DMMs.
5. Correctly identify the type of voltage (AC or DC) based on symbol on DMM.
6. Demonstrate how to check for continuity with the leads of the DMM.
7. Describe PPE needed to use a DMM to a corresponding voltage.
8. Explain a DMM with built-in amp clamp vs attachable amp clamp.
9. Test for continuity on a non-energized circuit based on simple diagram.
10. Use the meter to read farads of capacitance on a capacitor.
11. Use meter to read ohmic value of a resistor.
12. Measure voltage of a low voltage power source.