



## Safety Message of the Day for IMEA Members



### Digital Multimeter Safety Message

What most people don't realize is when electricians are performing that ever crucial step of determining the absence of voltage, they are actually at an increased level of risk of causing an arc flash or getting a shock, even if they know how to use a digital multimeter properly.

Think about it, in order to complete the test, a technician has to come within inches of potentially energized circuits parts, and touch those circuits parts with two probes that are about the size of a pen... t

There have been a number of cases over the years of multimeter accidents where something has gone wrong during the testing phase, and someone has been exposed to a serious arc flash event or shocked.

Many electrical incidents have occurred while qualified electrical workers were using a digital multimeter or test instrument.

Shock hazards can occur if the meter and test leads are not properly maintained.

Arc flash can occur if the meter is not properly rated for the voltage, the meter is exposed to transient voltages outside of its operating conditions, or because of defective parts or components.

**HAVE YOU READ THE INSTRUCTIONS FOR THE METERS YOU USE**