

# Stay Current with Fluke

## When was the last time you had a Fluke update?

- Schedule a local Fluke representative visit to your facility, to provide your team with the latest Fluke technology updates
- Learn how to get more out of the Fluke tools you already own
- Learn how Fluke predictive maintenance tools can help you manage downtime and improve efficiencies

Contact your local Werner Electric Supply representative to schedule a Fluke update today!

## The right tools for the job

Measuring live voltages and current in today's high energy environments can result in a severe hazard to equipment and users if proper precautions are not applied. Given the risk of transients, surges, and old-fashioned human error, it always pays to follow safe work practices and use test instruments rated for the voltage or current you're measuring.

Whenever possible, work on de-energized circuits and follow proper lockout/tagout procedures. If you must work on live circuits, following the steps to the right will improve your measurement practices and help reduce any hazard.



## STANDARDS

### NFPA 70E 2012 110.4(A)(3)

Test instruments, equipment, and their accessories shall be designed for the environment to which they will be exposed and for the manner in which they will be used.

## Best Practices

1. Measure at the lowest energy point
2. Keep your eyes on the area you're probing and keep both hands free as conditions require
3. For single phase, connect neutral first — hot second
4. Use the three point test method  
*(Request Fluke application note for details)*
5. Use test probes with a minimum amount of exposed metal such as .12 inch (4 mm) metal tip probes
6. Keep one hand in your pocket unless you must use both hands for a good measurement

**FLUKE**<sup>®</sup>

\* This information is part of a Fluke application note entitled, "Safety Considerations for Live Measurements."