

Problems with “Testing for Dead”

My experience is less than 30% of electricians get this right.

That statement is a little harsh, but it not all their fault:

1. Lack of Safety Policy is probably number one
2. Lack of proper tools
3. Lack of Training (All Electricians should have been trained, but refreshers never go a miss).



Remember **“OFF AIN’T OFF UNTIL TESTED”**

The Procedure is:

- Identify ALL sources of supply are OFF
- Visual Inspection of Test Instrument
- Test Instrument for Function on known Supply
- Conduct Measurement on Asset wearing Insulating Gloves & Face/Eye Protection
- ReTest Test Instrument for Function on known Supply
- If you leave the Work Area ReTest.

Some of the problems occur finding a “Known Supply” if the board has been Isolated. This forces the Test to be conducted on upstream known supply and higher fault current (Not Good). Once a Test is skipped because of Production pressures this reinforces a **“Trust its OFF”** culture.

I like **Proving Units**, they provide a known supply right at the Work Area, they eliminate testing on higher fault currents, and they help to reinforce a **Safety Culture**.

Maintenance Managers its Cheap,
Easy to Implement, and Significantly
Improves Safety.

<http://www.3Phi-Reliability.com/> Ask for a Lock Out Tag
Procedure.

