

ELECTRICAL AND OR GROUNDING PROBLEM TROUBLESHOOTING

Characteristics of problems:

- a. Lockups
 - b. Lost Data
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1. When using a Digital voltmeter for your test. (Typical Radio Shack Multi-meter). Select AC as the type of test, you want to run. The Range you want to normally read is between 122-125 (acceptable range is 119-121)?
 2. When reading below 119 consistently, you will need to start running continuous testing for the solution. Do this by placing the red and black probes (enclosed with you Multimeter), in the appropriate slots. If you have a battery in your multi-meter, once turned on, you will then be able to read the usage/voltage.
 3. Once, when at one of our customer's site, we encountered a cut off saw that was Periodically being used. We decided to plug in our multi-meter to the Main computer circuit (where our computer powers supply plugged into). With our digital meter plugged in, and "WITHOUT" the cut off saw being utilized, we read 122.5. Once we turned the saw on the voltage immediately dropped to 119.5. This proved to be one of many problems that were occurring at this site.
 4. If all fails call ABCS Hardware Support.