ASSOCIATED RESEARCH

TVB-2

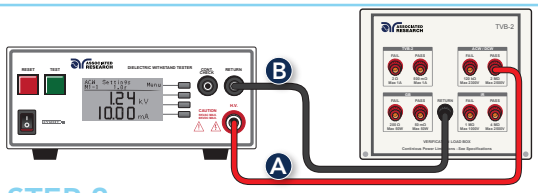
Verify your instrument is WORKING PROPERLY

VERIFY HIPOT PASS/FAIL

STEP 1.
Set parameters for Hipot PASS and FAIL Conditions

Note: Setting may vary depending on the application.

Hipot PASS/FAIL recommended settings with TVB-2	
Voltage	1240 VAC, 2121 VDC
Current	10mAAC, 5000 uADC
Test Time	2 sec ramp up and 2 sec dwell



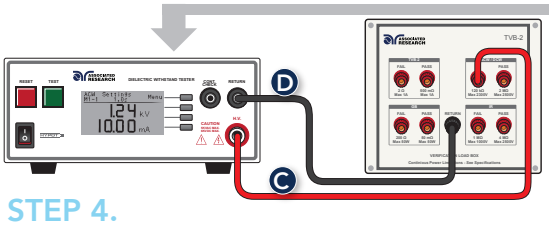
STEP 2.
Connect leads for Hipot PASS Condition

A. Connect the high voltage lead from the HV terminal on the instrument to the ACW/DCW PASS terminal on the TVB-2.

B. Connect the return lead from the RETURN terminal on the instrument to the RETURN terminal on the TVB-2.

STEP 3.
Press the TEST button

The instrument will indicate a PASS and the TEST button will illuminate.



STEP 4.
Connect leads for Hipot FAIL Condition

C. Connect the high voltage lead from the HV terminal on the instrument to the ACW/DCW FAIL terminal on the TVB-2.

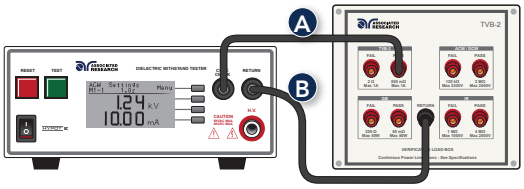
D. Connect the return lead from the RETURN terminal on the instrument to the RETURN terminal on the TVB-2.

STEP 5.
Press the TEST button

STEP 6.
Check for Failure

The instrument will indicate a failure, sound an audible alarm and the RESET button will illuminate.

VERIFY GROUND CONTINUITY PASS/FAIL



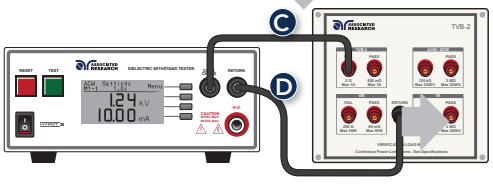
STEP 1.
Connect leads for Ground Continuity PASS Condition

A. Connect the CONT. CHECK terminal on the instrument to the GC PASS terminal on the TVB-2.

B. Connect the RETURN terminal on the instrument to the RETURN terminal on the TVB-2.

STEP 2.
Check for a PASS

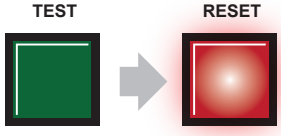
The TEST button will illuminate indicating the circuit has continuity.



STEP 3.
Connect leads for Ground Continuity FAIL Condition

C. Connect the CONT. CHECK terminal on the instrument to the GC FAIL terminal on the TVB-2.

D. Connect the RETURN terminal on the instrument to the RETURN terminal on the TVB-2.



STEP 4.
Press the TEST button

STEP 5.
Check for Failure

The instrument will indicate a failure, sound an audible alarm and the RESET button will illuminate.

HOW OFTEN SHOULD YOU RUN A VERIFICATION SEQUENCE?

It depends upon how often the instrument is used.

If used infrequently, run a verification sequence before each use.

In a production environment, verification should be run daily at minimum.

In a high volume production environment, we recommend you run a verification test for every shift. This will ensure that if there is a problem, the number of products that need to be re-tested is limited.

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