

STB ELECTRICAL TEST EQUIPMENT, INC.®

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OPERATING INSTRUCTIONS FOR All Models 69kV and Greater

I. SELECTOR SWITCH POSITIONS

- LP – Line Phasing
- L – Direct Line
- BT – Battery Test

II. Phasing – Both probes used

- A. Turn the selector switch to the “LP” Position
- B. Take the coiled cable out of the carrying case. Attach the connector of the cable to the phasing probe
- C. Plug the other end of the cable into the meter probe
- D. Attach the hot sticks to the probes

ALWAYS WEAR PROPER PROTECTIVE GEAR AND CLOTHING WHEN TESTING ON LOW, MEDIUM AND HIGH VOLTAGE!!!!

- E. You are now ready to proceed using your company’s safety procedures for testing
 - 1. When you are testing the same phase, i.e. A-A, B-B, or C-C, you should get a zero reading

III. Sensing – Single probe used

- A. Turn the selector switch to the “L” position
- B. Attach the appropriate live line tools to meter probe

ALWAYS WEAR PROPER PROTECTIVE GEAR AND CLOTHING WHEN TESTING ON LOW, MEDIUM AND HIGH VOLTAGE!!!!

- C. You are now ready to proceed using your company’s safety procedures for testing

IV. Battery Test

- A. Turn the selector switch to the “BT” position and watch to see if the needle deflects more than $\frac{3}{4}$ scale. The switch will spring back to the “LP” position.
- B. If the needle deflection is less than $\frac{3}{4}$ scale, the battery might need to be replaced; therefore, you should not continue to test with the unit.