INSTRUCTIONS FOR USE
Place the Shoe Tester on the floor and plug cord into 115 Volt AC socket. Allow 10 minutes for the tester to warm up. To test conductivity of shoes, place one foot on each plate. The color-coded meter will measure the resistance of your shoes in megohms and indicate whether or not shoes are within the calibrated zone. Bright red and green LED's display shoe status simultaneously with the meter. If shoes do not test satisfactorily, clean shoes thoroughly with the Anderson Conductive Shoe Cleaner and test again.

METER CALIBRATION
Remove 2 black plugs from back of meter/circuit board housing. Use potentiometer R14 (lower hole) to adjust span or high range and R15 (upper hole) to adjust zero or low range. See figure A. To calibrate, attach a 1% precision resistor across shoe plates corresponding to high range value and adjust R15 for full scale reading. Remove resistor and replace with a resistor having a value corresponding to the low range value. Adjust R14 for a zero reading. Repeat procedure as necessary since some interaction will occur between adjustments.

LED CALIBRATION
Attach upper range 1% precision resistor across shoe plates. Adjust R19 low setpoint LED potentiometer clockwise until clicking sound is heard. Turn R19 counterclockwise 12 turns. Next, adjust R20 high setpoint LED potentiometer clockwise until a clicking sound is heard. Green LED should light. Adjust R20 counter-clockwise until red LED lights, then reverse it until green LED lights steadily without flickering. Replace upper range resistor across shoe plates with lower range resistor. Red LED should light. Adjust R19 counter-clockwise until green LED lights.