



Figure 4. High ac current - equipment setup.

(11) Press RANGE 10 pushbutton.

(12) Set ammeter calibrator (A2) for a 10-mA measurement.

(13) Adjust precision oscillator frequency for 1 kHz and output for 10.000-mA indication on TI. Differential voltmeter will indicate between 0.9965 and 1.0035 V ac.

(14) Repeat technique of (13) above for frequencies of 50 and 400 Hz. Differential voltmeter indication will remain between 0.9965 and 1.0035 V ac.

(15) Press RANGE 100 pushbutton.

(16) Set ammeter calibrator for a 100-mA measurement.

(17) Adjust precision oscillator frequency for 1 kHz and output for a 100.00-mA indication on TI. Differential voltmeter will indicate between 0.9965 and 1.0035 V ac.

(18) Repeat technique of (17) above at frequencies of 50 and 400 Hz. Differential voltmeter indication will remain between 0.9965 and 1.0035 V ac.

(19) Press RANGE 1000 pushbutton.

(20) Set ammeter calibrator for a 1000-mA measurement.

(21) Adjust precision oscillator frequency for 1 kHz and output for a 1000.0-mA indication on TI. Differential