



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