Manual Supplement

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This supplement contains information necessary to ensure the accuracy of the above manual. Enter the corrections in the manual if either one of the following conditions exist:

1.   The revision letter stamped on the indicated PCA is equal to or higher than that given with each change.
2.   No revision letter is indicated at the beginning of the change.

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Change #1

On page 8, add the following to Table 2:

Equipment	Minumum Specifications	Recommended Model
1-kΩ shunt	1 kΩ, 1%, 2 watts, Low TC is preferable	

On page 12, replace the *Loop Power* procedure, and Figure 2 with the following:

1. Enable the dc volts autorange function of the HP3458A multimeter.

2. Connect the 1-kΩ shunt across the UUT **SOURCE** outputs.

3. Turn the rotary knob of the UUT to **LOOP POWER**.

4. Measure the open circuit voltage of the UUT and verify it is greater than 30 V and less then 32 V.

5. Press the blue button on the UUT to enable the 250 Ω HART resistor.

6. Repeat step 4.

7. Disable the 250 Ω HART resistor by pressing the blue button.

8. Connect the 1-kΩ shunt across **SOURCE +** and **SOURCE -** of the UUT.

9. Measure the loaded down voltage and verify it is greater than 24 V and less than 32 V.

10. Remove the 1-kΩ shunt.

11. Disconnect the UUT from the multimeter and turn the UUT off.

12. Select the dc current function on the multimeter and set it to the 1-amp range (a 0.1 Ω shunt is used in the 1-amp range).

13. Connect the current input terminals of the multimeter to the **SOURCE +** and **SOURCE -** terminals of the UUT.

14. Repeat step 3.

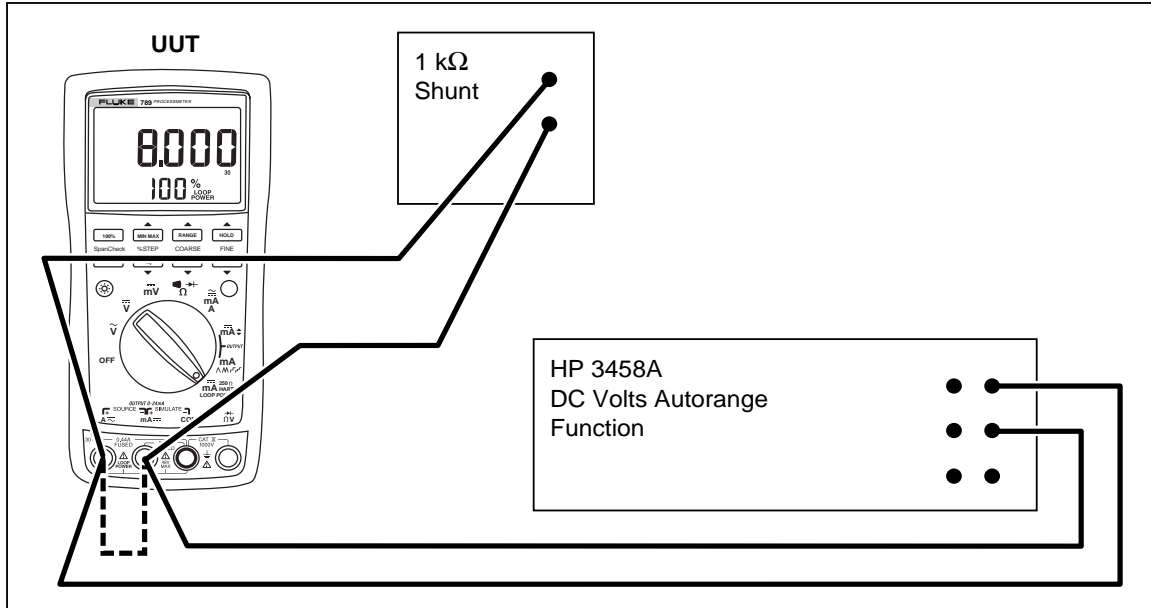15. Verify the short circuit current is greater than 25 mA and less than 35 mA.

Figure 2. Verifying Loop Power

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