

Continuity of R2. Write in column 16 of the test sheet

This is the testing procedure for a multi-function Megger. For other makes the procedure may differ.

Note: this test is for ALL types of radial circuits, power or lighting. Do not perform this test on a power ring circuit as the readings will be false. Picture and details on p.104 of OSG.

Nulling the leads. (Only null the leads once, when you first turn the machine on. It does not need to be nulled between tests)

Only perform this task once, the first time you turn the tester on. Place the crocodile clips on the test leads. Ensure the tester is set to ohms ( $\Omega$ ). For a Megger, turn the dial to the orange, Ohm setting. Once a reading has been given, press the test button. The value will go to zero and the display will show the circle in the top left hand corner.

Continuity of CPC.

1. Set your test machine to ohms ( $\Omega$ ).
2. Have the crocodile clip on one test lead and the probe on the other test lead.
3. Grip the test lead with the crocodile clip onto the earth bar.
4. Go to the furthest point on the circuit you are testing and place test probe against the earth (green/yellow) connection.
5. Do not push the test button, when on the ohms (orange) setting, the machine automatically tests
6. Record the reading given in column 16 of the test sheet.

You are measuring the resistivity of the earth (green/yellow) cable, resistance is measured in ohms ( $\Omega$ ), the reading should be low.

If there is no reading, then a cable has come out of a connection somewhere in your circuit or a connection has the screw biting down on the insulation, not the copper cable. If your reading is high, then you may have a loose connection.