PERIODIC TESTING, AND KNOWING WHEN TO STOP

THE RING'S LINE READS OVER 1999 OHMS. DO YOU CARRY ON?

Two calls that are particular to a periodic:

- **Don't test a circuit inspection has already failed for a rewire.** A ring in 1.5 mm^2 throughout, or insulation crumbling off the conductors, is a C2 already. Testing it tells you nothing more.
- **Insulation resistance with unknown equipment connected:**

Then the ring final, step 1, end to end:

r_1 line	r_n neutral	r_2 CPC
> 1999 Ω	0.03 Ω	0.06 Ω
open circuit	continuous	continuous

line broken round the ring → C2 → stop testing this circuit

Recheck the connections, test again, test the other two conductors to rule out the instrument. Then stop.

1. Record what you got: >1999, 0.03, 0.06.
2. Rule a line through the rest of that circuit's row.
3. Remarks: *testing stopped after C2 found on r1*.
4. Observations: *ring final circuit, line conductor open circuit* — C2.

Steps 2 and 3 would be pointless.
The ring has failed. Good inspectors know when to stop.

Can't read a device's I_{cn}
because it's printed on the side? Don't dismantle a live board to write a number down. Record it as not verified and say why.

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