WHAT'S AN ACCEPTABLE RESULT

ONE MEGOHM ON A NEW CIRCUIT. PASS?

```
A GOOD CIRCUIT
Display: > 2000 MΩ

Record exactly that: >2000
(the > symbol matters — you're saying "at least")
```

§ The book's minimum for a low voltage circuit is **1 MΩ**. One million ohms conforms to the requirements.

✋ **But read the note underneath it**, because this is the bit worth highlighting. The book says an insulation resistance value **as low as 1 MΩ would conform** — and then goes on to say that **a new installation should not yield a test result that low**, and that in new installations **any value below 20 MΩ should be investigated**.

So what do you actually do with a 1 MΩ reading on a brand new circuit?
You investigate it. It passes the letter of the regulation and it tells you something is wrong. Your instrument reads past 2000 MΩ for a reason.

GN3 · 2.6.7 · p.70 · minimum insulation resistance · the 20 MΩ note (new installations) ★

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