WHY DESIGN WORK SITS IN A PERIODIC INSPECTION

WHY CHECK MAXIMUM DEMAND ON A PERIODIC?

Because an inspector has to be able to check the designer's work. Three things on a periodic can only be judged against what the circuit was **designed** to do:

- Is the cable still the right size for the load?
- Does Z_s still come in under the permitted maximum?
- Does the **maximum demand** of the whole installation still sit inside the supply fuse?

> ✋ **The last one almost never gets rechecked.** Circuits get added over the years — an extension, an outhouse, a shower — and nobody recalculates whether the DNO's fuse still covers it. That calculation belongs on the periodic.

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