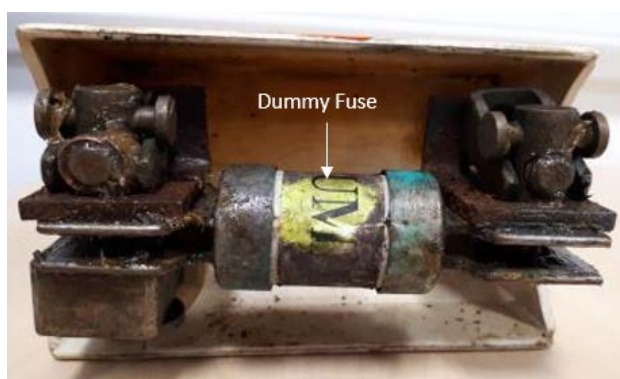




## CAN YOU TRUST YOUR DUMMY FUSE CARRIER?

### OVERVIEW

When connecting a generator to an isolated section of network, a voltage was detected on the isolated LV fuse stalk when a Litton connector “Dummy Fuse” carrier was inserted at the point of isolation.



### WHAT YOU NEED TO DO

- When using “dummy fuses”, the fuse’s integrity must be tested prior to use using a 500V insulation resistance tester. The dummy fuse must not be used if a resistance of less than 200MΩ is detected.
- Any fuses with a resistance less than 200MΩ should be withdrawn from service.
- The “dummy fuse carrier” must be cleaned using a PF solvent wipe (stores code 23104N) to remove all dirt and moisture.
- Dummy fuses and carriers should be stored in a dry container after use.

### DETAIL

In another DNO, a generator was being connected to an isolated section of network. The point of isolation was a set of PC400 overhead line pole mounted LV fuses.

A set of Litton connector “dummy fuse carriers” were being inserted in to the PC400’s when a voltage was detected on the isolated LV stalk. Further investigation discovered that voltage was tracking across the dummy fuse inserted in the dummy fuse carrier. This was due to the dummy fuse being damp, corroded and generally in poor condition.

These “dummy fuse carriers” are widely used by UK Power Networks, and their contract partners, to connect generators to the network. If used correctly, they provide a quick and safe method of connecting generators via Litton connectors.

---

It is the responsibility of line management to ensure all appropriate employees are issued with this document and to check their understanding of its content. This document will be subject to compliance audits within 14 days from the date of issue.