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|------------------------|-------------------------------------|--------------------|--------------|--------------------|------------|
| <b>Reference</b>       | SA_20260311_2                       | <b>Version</b>     | 1.0          | <b>Date Issued</b> | 12/03/2026 |
| <b>Issued By</b>       | James Barker                        | <b>Approved By</b> | Ben Humphrys |                    |            |
| <b>Issued To</b>       | All Operational Staff and HEA       |                    |              |                    |            |
| <b>Subject / Title</b> | Incorrectly wired secondary cut-out |                    |              |                    |            |

**Reason For Issue**

A near miss involving exposed live conductors was reported at a street lighting column, on 11<sup>th</sup> March 2026. This alert has been issued to raise awareness of the hazard and reinforce the need for correct wiring, verification and commissioning checks before equipment is energised or handed over. This incident was identified by an operative during routine inspection and testing of the asset.

**Commentary**

Although no injury was sustained, this incident had the potential to result in serious harm. Further examination identified that the DNO supply had been terminated into the incoming side (bottom) of the top cut-out, and insulated and sheathed tails within the same termination supplying the outgoing side (top) of the bottom cut-out.

As a result, those outgoing terminals on the lower cut-out were live. It was also found that the incoming side (bottom) of the bottom cut-out had in fact been used to supply an outgoing circuit. In effect, both cut-outs had been terminated incorrectly. This created a hazardous condition for any operative carrying out inspection, testing, maintenance or further connection works, as conductors that may have been assumed to be dead when in fact live.

All personnel involved in installation, alteration, inspection, testing and commissioning activities must ensure that the wiring and terminations are correctly configured and verified. Existing wiring arrangements must not be assumed to be correct and should always be checked. Final inspection, testing and commissioning processes must be sufficiently robust to identify wiring errors before assets are placed into service.

This near miss serves as a reminder that electrical safety depends upon competence, diligence, and effective verification at every stage of the work.

**Actions Going Forward:**

- All operatives involved in inspection, testing, installation, alteration and commissioning of associated street furniture equipment and installations must ensure that incoming and outgoing terminations are positively identified and verified before any work proceeds or equipment is energised or re-energised.
- The alert is therefore intended to reinforce the importance of not assuming existing wiring arrangements are correct, even where equipment has already been installed.
- Any abnormal or unsafe wiring arrangement identified on site must be treated as a defect and escalated for technical review before work continues.



**Acknowledgement:** *I confirm that I have read and understood the contents of this Safety Bulletin.*

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|-------------|--|------------------|--|-------------|--|
| <b>Name</b> |  | <b>Signature</b> |  | <b>Date</b> |  |
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