

ASP Safety Alert

Electrical Safety & Authorisations



Alert Number: SA12_17

Subject: Incorrect Service Cable Markings

25 September 2017

Key Messages

Inspection required before use - Prysmian 4 core 25mm² XLPE Aluminium service may have incorrect markings on the cable sheaths.

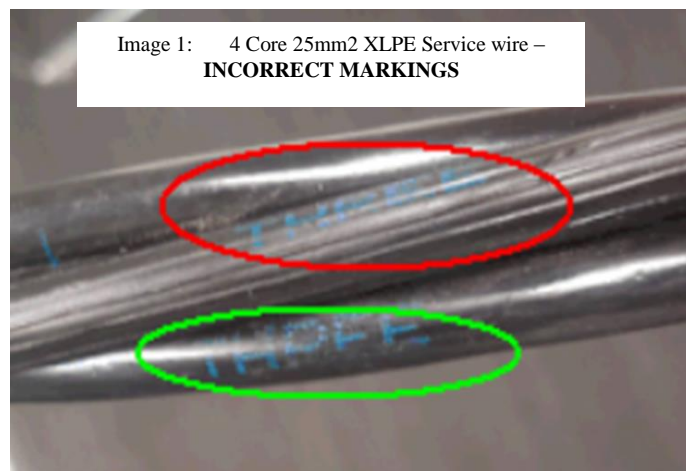
ASPs are reminded to not rely on markings when carrying out cable identification and phasing. The Electrical Safety Rules clause 9.4.2 requires an electrical method such as a lamp test to positively identify conductors.

Description of incident or hazard:

While undertaking service wire replacement works, a member of the workgroup noticed that the sheaths on a drum of 4 Core 25mm² XLPE covered aluminium service cable, had been incorrectly marked. It was noted that "THREE" had been printed on both the "C" Phase conductor (3 ribs) as well as the Neutral conductor (fully ribbed). The issue is believed to be isolated to 'Prysmian' branded service cables only. Refer image 1.

Extent of impact:

No incident resulted. Pre-energisation procedures identified potential phasing issues and the ribs on the sheaths were still able to be used to identify the correct conductors.



Immediate action taken (or to be taken) to eliminate or control the risk:

The remaining cable was rolled off the drum, quarantined and Ausgrid is currently investigating the labelling non-compliance with the manufacturer.

ASPs are requested to check their company's stock and quarantine any affected cable as required.

For further information please contact an Ausgrid Compliance Officer.

Ausgrid Compliance Officers