

ASP Safety Alert

Electrical Safety & Authorisations



Alert Number: SA06_17

Subject: CLIPSO brand – Service / Meter Protection

6 July 2017

Key Messages

AWARENESS - Loose fitting, high resistance connection of HRC fuse link within fuse carrier.

Ausgrid has become aware of a hazard associated with the high resistance connection of CLIPSO HRC fuse links (within fuse carriers). In response to a customer report of no supply / part supply and voltage fluctuations, Ausgrid has identified a defective panel mounted service / meter protection device. Specifically, the ring, which clamps around the barrel of the HRC fuselink, is slightly too large in diameter for the fuselink when fully tightened. This has created an ineffective electrical connection which resulted in arcing between the fuselink and the ring clamp (see photographs below).



Extent of impact:

The potential could arise for damage to appliances, overheating and, in a worst case, the possibility of a switchboard fire.

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

ASPs who, during the course of their work, identify a CLIPSO brand of service / meter protection device within a customer's electrical installation, should dismantle the fuse carrier to verify the fuselink is fixed securely in place with no movement. If this cannot be achieved, and to mitigate any electrical risk, supply should be disconnected, and the defective parts replaced before supply can be reinstated. If the ASP cannot perform this work then the customer can engage Ausgrid, for a fee, to perform this work.

Ausgrid has notified relevant government agencies of this hazard.

For further information, please contact Ausgrid via ASPLLevel2@ausgrid.com.au.

Ausgrid Compliance Officers