

ASP Safety Alert

ASP Compliance and Practices



Alert Number: SA07_18

Subject: Incident involving electrified streetlight column

11 May 2018

Key Messages

- **Ensure adequate insulation is maintained between all live parts and the metallic body of streetlight columns**
- **In the event of an emergency follow the procedure outline in ESR clause 2.1.1**

On the 14 March 2018 a civil worker received an electric shock when contacting the metallic body of a streetlight column recently installed by an ASP1 as part of a contestable relocation project. The principle contractor for the project notified the ASP1 on site who carried out isolations on the streetlight column.

The civil worker attended hospital for observation and was released without injury.

The investigation found that the outgoing streetlight cable located between the streetlight panel and the luminaire had been damaged during construction. The damage was located where the lower section and the outreach arm connect. An insulation resistance test prior to energisation would have identified this fault.

In addition it was identified that the ASP1 did not act in accordance with the Electrical Safety Rules in the event of an emergency by performing unauthorised isolations. The procedure detailed below must be followed in the event of an emergency



Clause 2.1.1 – *What to do in an emergency*

If you find conditions which may be a danger to people in a public place (such as damaged live mains and apparatus, fallen mains, leakage current on poles, etc), you must initially remain well clear of the mains and apparatus, but in a position to warn people until the danger has been removed. If you cannot do this, you must arrange for another responsible person to do so.

You must then do one of the following:

- contact the appropriate System/Area Operator
- report the matter to Ausgrid's Hazard Line telephone number (See below)
- arrange for someone to make the telephone call for you.

In addition the nominated Compliance Office must be notified if the incident occurs on a contestable project site

Ausgrid emergency service line – 13 13 88

**Ausgrid
Project Officers**