

SIGNIFICANT ELECTRICAL SAFETY INCIDENT ADVICE



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Western Power

ESAA 10/2003

DATE: 22/01/03	NUMBER OF PAGES: 1 (INCLUDING THIS SHEET)
DATE OF ACCIDENT/INCIDENT: 22 December 2002 DATE OF INITIAL TRANSMISSION: 22/01/2003	ESAA NUMBER: ESAA DATE OF TRANSMISSION:

Brief description of accident/incident (include voltage):

Crewmembers installing an underground service cable neutral found the 16mm cable did not fit the existing neutral link. Performing the appropriate test they identified what they believed to be a second neutral link situated next to the Red phase terminal then proceeded to connect the upgraded service cable neutral to this terminal.

The customer's neutral cable was inadvertently connected to the streetlight terminal. The streetlight conductors were black double insulated and were de-energised during daytime hours.



Extent of injury/damage

Two days after the service installation the customer reported a fluctuating power supply and damage to appliances.

Local action taken:

- Where there is uncertainty about a service connection – stop and ask.
- Neutral link connections must match the conductor size.
- Label the streetlight circuit links.
- Training in service connection testing to include hazard details.

Additional comments:

Nil.

FURTHER INFORMATION - CONTACT:

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