

 **TRANSPOWER**



# FIRST ALERT

Date: 6/3/2017

Maximo Reference: 96965

## 220kV Aluminium Bus Section Collapse



Figure 1 Aluminium section of bus

### EVENT

- After dismantling and removing a set of line traps during a CVT installation project, a section of bus broke off its support post (an expansion attachment) and fell to the ground.
- No one was working in the controlled work area at the time of the event.
- The support post expansion attachment to the bus was severely worn and may have contributed to the failure.

### IMMEDIATE ACTIONS

- Work was stopped and a “Take-5” completed. Work area checked for any other unseen hazards and the work method reviewed.
- Damage to the buswork reviewed and Electrix and Transpower Management advised.
- Investigation commenced.
- An additional follow up discussion was held at a “ToolBox” briefing with all site personal the next day.

Known status of controls in the work area:

- Lift plan was in place for crane/hiab work and was being followed.
- JSA was current, on site and implemented.
- Good thorough Work Site Management Plan was conducted pre work.
- Consideration was not given to supporting the overhanging 220kV bus once the line trap was removed. This is a contributing factor for this event.



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