Safety Advice 09-2014 (NZ) (Jan) (Transmission)

Safety alert E13273 courtesy of Electrix and Transpower is an initial advice on a pull conductor failure during re-stringing. Any further cause information will be published as a supplementary Advice. The full advice follows below.

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Pride, Performance, Value

safety alert

Conductor Failure

Electrix Event Number
E13273

The Issue
Conductor failed inside conductor stocking grip

What Happened
While re-stringing ROX-TWZ-A line, run one between structures 29-44 the existing simplex conductor being used to pull the new duplex conductor has failed inside the conductor stocking grip connected to the head board, allowing both the simplex and duplex conductors to fall to the ground.

Findings
- No injuries to staff
- Multiple damage to both simplex and duplex conductors
- Minor damage to landowner property (fences)

Immediate Actions
- Full assessment on condition of conductor completed. All sites/structures visited and entire length of conductor walked and assessed. Multiple points of damage to conductor identified, damage to bottom phase conductor at structure 34 and landowner property damage i.e. fences.
- Hold Point briefing completed. Make safe damage to bottom phase conductor, repair damage to conductors involved, recovery simplex conductor, re-join to duplex and re-float.
- Investigation underway.

Root Cause
Yet to be determined – Aluminium strands within stocking grip exhibit signs of tension breaks



For further details please contact QSE Campbell Hardy, 021 221 2779

Date: 08-Feb-2014

Safety Alerts are advisory only. They contain limited information on an event which has been investigated and reported and the key findings of the investigation are published as a Safety Alert to highlight the key learnings from the event

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