



Safety Alert – SA286

Broken Strands under an 11kV Armour Rod

This Alert is applicable to:

Fibre		Distribution	√	Transmission		Wider Business	
-------	--	--------------	---	--------------	--	----------------	--

Date of issue: 06/01/2016

Incident	Description
<i>Date of Event</i>	21/12/15
<i>Location</i>	Old Coach Road, Paengaroa, Bay of Plenty
<i>Time</i>	11.30am
<i>Injuries/Damage sustained</i>	None
<i>Event Description</i>	<p>A crew were using glove and barrier methods to replace an 11kV pin pole for an ABS switch pole. They had secured and displaced the conductors and were removing the armour rods on one of the conductors when they observed that around half the conductor strands were broken under the armour rod.</p> 
<i>Initial Actions Taken</i>	The crew reapplied the armour rods, secured the conductors with grips and strap hoist and then bridged across the armour rods using 11kV hoppers. Work was completed to plan and the incident reported to Northpower and PowerCo.
<i>Actions Required / Messages</i>	Remind all staff of the potential risk of damaged or broken conductor strands under armour rods, binder wire and connections which could cause the conductor to break when removed. Consider what control methods should be applied as part of the team brief and risk assessment process.
<i>SM-EI Reference Risk Register ID 114</i>	1.303 – Hazard identification and risk management Broken, missing, stolen, damaged Network and Customer Earthing
<i>This alert was released by:</i>	David Ford, Operations Manager, Tauranga