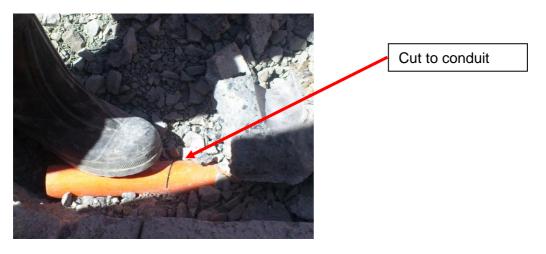


## **INC-55800 Conduit cut by Concrete Saw**

### Division - Eastern Infrastructure - Ultra Fast Broadband Project, New Zealand

Date	30/01/2013			
Site	150 Great North Road, Arch Hill, Auckland	Department	New Zealand	
Energy type	Electrical	(Potential) Damage	PC1	
Contact details	Name Mark Durham Phone 0064 27 733 2156 Email mark.durham@leicon.co.nz			



#### Incident details

A conduit carrying an electrical cable was damaged when a worker cut through it with a concrete saw. The worker was cutting the concrete in preparation to reinstate the pavement after the installation of a pedestal box. The conduit contained a 240v cable which was feeding a street light. The electrical cable was not damaged by the saw.

Prior to the activity all services had been identified and marked out and all pre-starts had been completed.

This incident is currently under investigation but it appears that although the cable was identified the depth was unknown.

## Alert follow up



### Reminder

This incident is currently being investigated. Project Managers are reminded of the importance of the following controls:

- Every effort must be made to eliminate the risk of striking live services including de-energising or relocating the service.
- All services must be positively identified using the following for example Electronic detection – Ground penetrating radar – non-destructive pot-holing
- Ongoing verification of services must be undertaken at suitable intervals
- All services must be appropriately protected from damage and adequately sign posted
- A current permit to disturb must be in place and all persons must be briefed on the permit
- When changes occur to the methodology / depth or type of excavation, ongoing verification of services must be completed

### **Relevant Construction Safety Essentials:**

- Permit to Work
- Working with Live Services

This incident alert is to be placed on all safety notice boards and discussed at safety communication forums.







Incident no	INC- 55800	Date of incident	30/01/2013		
Incident description	cident description Conduit cut by Concrete Saw				
To: All Project Mana Please analyse the atta	•	nswer the following ques	tions:		
1. Could this inci	dent occur withir	your area of responsil	oility at your project?		
☐ Yes [	□ No				
If yes, what control occurrence of this ty		•	eliminate the potential for an		
If no, please note th Manager.	ne reasons, sign, c	late and return the form t	o your Business Unit Safety		
			tigate the risk of an incident ident Report (attached)		
☐ Yes [	No				
If yes, please sign,	date and return to	Systems Analyst.			
Project Manager name		Project name Business Unit			
Signature		Date			
• •		ent report listing the requort number below and re	ired actions and turn these forms to Systems		
Incident report no		Date			
Signature		Date			

Current at 03/02/2013