

Significant Safety & Health Incident Alert



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		



Cut to conduit

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.

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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.

Current at 03/02/2013

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Alert follow up



Incident no	INC- 55800	Date of incident	30/01/2013
Incident description	Conduit cut by Concrete Saw		

To: All Project Managers

Please analyse the attached report and answer the following questions:

1. Could this incident occur within your area of responsibility at your project?

Yes No

If yes, what control measures do we currently have that would eliminate the potential for an occurrence of this type (or similar) on your project?

If no, please note the reasons, sign, date and return the form to your Business Unit Safety Manager.

2. Are these control measures sufficient to prevent or *mitigate the risk* of an incident of this type (or similar) described in the Significant Incident Report (attached)

Yes No

If yes, please sign, date and return to Systems Analyst.

Project Manager name

**Project name
Business Unit**

Signature _____

Date

If no to above, please raise an incident report listing the required actions and accountabilities; note the incident report number below and return these forms to Systems Analyst

Incident report no

Date

Signature _____

Date

Current at 03/02/2013