



Safety Alert

INCIDENT TITLE: Manapouri Communication Room
Electric Shock Incident

TIME AND DATE OF INCIDENT: 14th July 2016

INCIDENT DETAIL

A contractor was in the process of attaching a new cable to an existing cable tray section in the Manapouri Communications Room. The contractor received an electric shock by providing a path to earth from his hand to his forearm through contact with an exposed 230V conductor and an existing cable tray.

The contractor involved in the incident underwent a medical examination and was cleared for normal duties the same day.

IMPORTANT INFORMATION

The exposed conductor is a result of damage to an existing cable which is likely to have occurred through some form of abrasion (wear from cable installation/removal or a neighbouring cable tray). The exposed conductor was not visible from the contractors working position and access to gain full visibility was not possible (cramped working conditions).

BEST PRACTICE

Existing cable trays should be treated as a potential electrical hazard source as a result of any of the following: cable insulation damage, live redundant cables, inappropriate installation/earth bonding and non-compliant materials.

PHOTOGRAPHS



IMMEDIATE INTERIM ACTIONS

The exposed conductor has been located and repaired, therefore removing the risk from this area.

A wider audit of cables in this area has been initiated which will generate a progressive forward work plan to address findings.

Communicate the importance of the use of protective barriers during any cable installation/removal works (this safety alert). Note that your work impacts the safety of others.

This Safety Alert is issued by the Corporate Safety & Health Team. For further information please contact:

John Twidle - Site Manager - 021 442 897

Brett Horwell - Project Manager - 021 913 508



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