



Safety Alert

INCIDENT TITLE: Cable Crushed by Hatch Cover

TIME AND DATE OF INCIDENT: 10 February 2016 - 1830 hrs

INCIDENT DETAIL

During normal end of day tidy up, a live cable was damaged when it was crushed between a metal hatch cover and a floor grating. The cable was protected by a residual current device (RCD) which prevented the contractor from being exposed to an electrical shock.

The cable had been knocked from its intended position between the concrete and the hatch where it had been safely located.



PHOTOGRAPHS



230V RCD



Safeguard (industrial RCD)

IMPORTANT INFORMATION

Most of Meridian's stations and older homes don't have RCD's fitted to outlet sockets therefore an additional RCD device is required to protect the end user.

Any works (at home or on site) involving temporary electrical supplies (from socket outlets) should be protected via an RCD to minimise the possibility of an electrical shock if the cable or device is damaged or if conditions are damp.

Adequate protection of cables that pass through doorways, windows, hatches etc. is required. Examples include tying the cable back into a safe location (so it can't get moved) or protecting the cable with a hard barrier like a door stop or piece of hard pipe.

BEST PRACTICE

Always use RCDs on portable electrical supplies.

Protect all cables when they pass through an access way or in other situations where the cable could become damaged.

IMMEDIATE INTERIM ACTIONS

Contractor commenced an investigation – results and recommendations pending.

Damaged cable has been tagged out and removed from site.

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

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