

CONSTRUCTION WIRING INSTALLED IN CONCRETE SLABS



The ETU has been advised of incidents occurring where construction wiring which has been installed in a concrete slab has been damaged when it has been drilled into or cut when coring.

The concern being that generally, the cable is a sub-main feeding the field switchboard, and this cable does not have RCD protection and will not provide personal protection (30mA) to ensure the safety of workers.

The general principle of the *Industry Standard for Electrical Installations on Construction Sites* is for the cable to be marked every 5 metres.

Since this can't be done as the cable is not visible, the cable route is to be clearly identified by permanent marking by some other method which affords the same level of identification for the life of the installation.