

First Alert

Incident Title:

NGOC OLD MAIN SWITCH BOARD (DB 31) LIVE EXPOSED CABLES

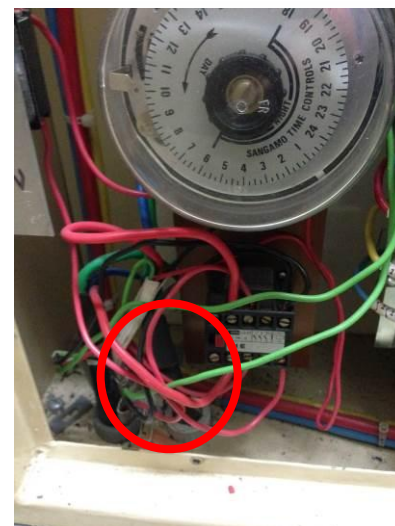
Date of Incident:

Thursday, 24 July 2014

Incident Description and Details:

The work team were transferring services over from the old switch board to the new main switch board, recently installed under the electrical upgrade project. This involved tracing the cable back from the breaker to the terminal block, testing, isolating, re-testing and then tracing the cable to its supply.

A cable was found to be different as instead of going into the ceiling space like the other cables, it was going into a channel mounted in the trench below the old main switch board. The cable then was traced back to the breaker cabinet (DB31) and found connected to an old style timer which was for the security (outdoor) lighting. At this stage it was noticed that there were two small cables that had been cut coming out of the same area. Work was stopped and these cables were tested to see what condition they were in, it turned out they were both live and exposed.



Position of Live cables in circle

Recommendations / Lessons:

The two cables that were identified as being live were traced back to their source, isolated, and removed physically from the work area to eliminate the hazard that they presented.

Treat all cables as live unless proven otherwise.

If cables are cut they must be left in a safe condition and protected against energising.

Contact Person:

Peter Worthington, HSE Advisor. Transfield Services

027 839 8722

worthingtonp@transfieldservices.com

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Breakers located in DB31
Position of Live cables circled