

LESSONS LEARNED

CORPORATE ENVIRONMENT, HEALTH AND SAFETY

Contact with Energised Electrical Service

Segment	Investment ☐		Development ☐		Construction ☒
Geography	America ☐	Asia ☐	Australia ☒	Italy ☐	UK ☐

Enablon ID	OLI00000934.ACTUAL.070526.00190321	Entity / Operation	Rouse Hill Hospital
Event Date	08 May 2026	Workplace Activity	Facilities/Site Management
Event Circumstance	Electrical Incident	Date of Issue	17 June 2026

Event Description

A construction worker was tasked with installing a 1.8m chain link fencing at the new site entry. During this activity, the worker has drilled into an energised temporary three phase electrical conduit which had been cast into a concrete slab. The worker did not sustain an electric shock, however, the electrical cable was damaged.

The investigation found that the electrical cable was not installed in accordance with Lendlease requirements (GMRs & WDC), which, as far as reasonably practical, prohibits the casting in of temporary electrical circuits into concrete structures and requires that underground services be installed to a minimum depth of 600mm.

The approved Safe Work Methodology was not task specific and did not identify the risks associated with concealed services. A permit to work and services identification was not undertaken by the subcontractor before the work activity commenced.



Key Learnings

When onboarding subcontractors and reviewing proposed methodologies, it is essential that the critical risks associated with the works are identified and that our established controls are clearly communicated to subcontractors and their workers.

Temporary Service Location

- **GMR 4.4.12:** Where practicable, all temporary electrical circuits are not to be cast into the concrete structure.
- **Workplace Delivery Code:** All underground cabling and its conduit are to be located at a minimum depth of 600mm and laid with an upper covering of warning tape at a maximum of 300mm above the conduit.

Concealed Services

- **GMR 4.4.5 / Workplace Delivery Code:** Where there is a risk of contact with concealed services in a slab, the Drill, Cut and Core Permit is to be used, which includes the requirement to review existing as-built drawings, undertake service location and positively locate services as required.