

Safety Alert

17 March 2026

Orion

SA2417 – Critical Risk – Uncontrolled Energy Release - Electricity

A Service Delivery Partner (SDP) employee received an electric shock while working on a battery charger supply circuit within a building substation.

Investigation findings:

- An isolation point was available but not used.
- Circuit supplying battery charger was labelled 'Light' at the Low Voltage (LV) panel. (Photo A),
- The circuit was isolated at the local battery charger connection point (not at the fuse installed on the LV panel). (Photo B).
- When the decision not to isolate was made, Live Work processes were not initiated.

What we'd like you to do:

Share this Safety Alert with your teams for awareness and learning.

Ensure teams carry out **task-specific risk assessment(s)** and consider these controls:

- **Identify the circuit** to be worked on,
- **Isolate the circuit** at the appropriate point of isolation. (**Prove, Test, Prove**)
- If **live work** is to occur, live work protocols must be followed.

What we're doing:

Reiterating our expectation that:

- All workers should seek to isolate first.
- Where live work is to be undertaken, this must occur under full live work protocols.

Photo A
Battery charger
isolation fuse (centre)
labelled 'Light'



Photo B
Point of isolation
used for the battery
charger



For more information contact Orion at info@oriongroup.co.nz or call 0800 363 9898