



## Low Voltage Electric Shock

A tradesperson and an apprentice were attempting to identify a low voltage 230v a.c. circuit in a Gas Insulated Switch room basement.

The tradesperson had isolated a circuit that appeared to be the correct one. The three-phase outlet adjacent to the one being tested was proven de-energised by this isolation.

The apprentice applied multi-meter probes to the back of the single-phase wall socket outlet that had been pulled out from the wall.

Once satisfied that the socket was de-energised, the apprentice touched the back of the socket and received an electrical shock to their right hand.

Faceplate taken off and multimeter test probes applied to test for voltage.



### Immediate actions

- Checked that the apprentice was feeling well.
- Checked the plug socket outlet for voltage and found to still be alive.
- Temporarily isolated the circuit.
- Arranged an ECG from the local emergency centre doctor.
- Reported the incident to management.
- Organised drug and alcohol testing for the tradesperson and apprentice.
- Notified Worksafe
- An investigation is now underway.

### For more information, please contact:

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