



Safety Alert



INCIDENT TITLE:

EVE-001336 Electric shock of Gland Plate TLC

TIME AND DATE OF INCIDENT:

24 August 2024

INCIDENT DETAIL :

While installing cabling for the gate encoders at Te Anau Control structure (TLC) a contractor received an electric shock from an aluminium gland plate in the comms cabinet. The plug was labelled "In the event of a power failure connect this to another piece of equipment"



PHOTO



IMPORTANT INFORMATION:

While investigating the cause, the team discovered a male cord connector that had 110V across Phase and Earth which was contacting the aluminium plate in the bottom of the comms cabinet. No male plug should be energized without being attached to a female cord connector or a dedicated terminal.



BEST PRACTICE:

No extension cord should ever have a live male end. A "Suicide" cord must never be used on any Meridian site. Leads were provided with the inverter when installed.



IMMEDIATE INTERIM ACTIONS:

Stopped work, made the cabinet safe and the contractor was taken to Te Anau Medical Centre for an ECG. The contractor was cleared and returned to work that afternoon. Reached out to the engineering team for advice and to share the findings. Further investigation by the Electrical team, a similar installation was found at MLC and all male plugs off the inverters at MLC and TLC have now been removed. An information meeting was conducted to share what was learned with the Mid- and Upper Waitaki Electrical Supervisors.

THIS SAFETY ALERT HAS BEEN ISSUED BY THE HEALTH & SAFETY TEAM. FOR FURTHER INFORMATION PLEASE CONTACT:

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or

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