

SAFE OPERATING PROCEDURE



WORKING WITH ELECTRICITY

As Master Electricians members we recognise that from time to time we need to carry out jobs whilst working with or near electricity and in doing so recognise the possibility of being exposed to significant risks. As any contact can be fatal or cause both immediate and long-term health issues we consider working with or near electricity without appropriate controls an extreme/high risk task/environment.

We do not work on or near energised components or installations above extra low voltage unless fault finding and/or testing requires it or under exceptional circumstances.

PROCEDURE

As every situation can be different, we adopt risk management processes to determine the appropriate controls, we always look to abide by applicable New Zealand legislation and adopt New Zealand Codes of Practice, WorkSafe NZ best practice or industry endorsed guidelines, or create our own in-house procedures to ensure we appropriately manage the associated risks.

We follow: - accessed digitally via hyperlink

→ [AS/NZS 4836 – Safe working on or near low-voltage electrical installations and equipment](#)

In establishing this procedure, we have and continue to consult and engage with our workers.

In addition, to ensure we are all aware of this hazard, understand the harm it can cause, and of ways to appropriately manage the risks we periodically hold safety meetings and education on working with electricity. We undergo training if appropriate and implement supervision procedures if necessary.

We use the **Lock Out/Tag Out** method for isolating electrical equipment along with the **Prove - Test - Prove** method for verifying isolation.

We regularly check and maintain our equipment associated with working with electricity, and visually check and undertake to ensure that any equipment or plant we use for this type of work is in safe working order and has been verified for accuracy. Our supervisor makes periodic on-site assessments when we undertake this type of task and/or environment to confirm we are carrying out the work as per this procedure.

Supporting tools/documents - accessed digitally via hyperlink

[NZECP 34 New Zealand Electrical Code Of Practice for Electrical Safe Distances](#)

[WorkSafe Guide – Electrical safety on small construction sites](#)

[WorkSafe Guide – Working near low voltage overhead electric lines](#)

[NZECP 55 New Zealand Electrical Code Of Practice for Managing Electrical Risks Associated with Electrically Conductive Thermal Insulation](#)

[For ETCO Host companies – ETCO Electrical Safety Policy](#)

Acknowledge and sign SOP over page

HOME SAFE AND HEALTHY EVERY DAY

