



# SAFETY START



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## Henderson SMS Low Voltage Live Work Authority Process

### Description

Electrix Substations group 'PSD' strengthened its safe work practices by developing a process to identify and manage the risks involved with working on energised Low Voltage equipment.

The process describes the preparation and the steps that must be adhered to when performing Low Voltage live work.

These include;

- Minimum competencies required
- Stop Think!  
(Confirm that the work cannot be completed with the equipment/source of energy isolated i.e. work can only be completed under live conditions)
- Personal/Site Safety
- Planning - checking and cross referencing documentation
- Selection of appropriate Tools and Equipment
- Selection and use of appropriate PPE

### Outcome

To establish improved controls and personal safety when teams are working on equipment that has energised LV parts;

- Mech Boxes
- ODJBs
- Protection/Comms/Control Panels

#### REFERENCES:

*EEA Guide to Live LV Electrical Work  
SM-EI Part 3 Rules for Work on Equipment - Section 3.717 Live LV Work*

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