

Procedures – Front Section

Underpinning Principals – examples:

- Protection from SPOC shall be established
- Tools shall not be passed to an employee in contact with a live conductor
- Insulated tools should be used



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Test & Review

- Procedures to be developed, proven and documented
- Formal Review at least 5 yearly
- Review to be conducted at the de-brief session



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Responsibilities are defined for those involved in:

- Planning the work
- Supervising the work on site
- Performing the work

Responsibilities	•
Role	Responsibilities include:
Project / Job Manager / Responsible Employee (Safety)	Planning the work to comply with SMEI, industry guidelines and requirements contained within the Asset Owner and or SP Live LV Work Manual. Completion of a risk assessment of work methods to undertake Low Voltage live Work, Review Justification process and prohibited tasks applicable to the network owner's requirements
Site Supervisor / Person in Charge	Overall compliance with this Procedure or Technique. Comply with, industry guidelines and documentation contained within the AO and SP Live LVWork Manual. Comply with network owner requirements. Appoint a Safety Observer as require by the task procedure.
All staff on site	Performing the work in accordance with this Procedure or Technique. Comply with SMEI, Industry Guidelines and Network owner requirements, industry guidelines and documentation contained within the AO and SP Live LV Work Manual. Identifying and mitigation of hazards/risks. Document findings from team briefing. (<i>Tailgate Meeting</i>) STOP THE WORK when you have any concerns.

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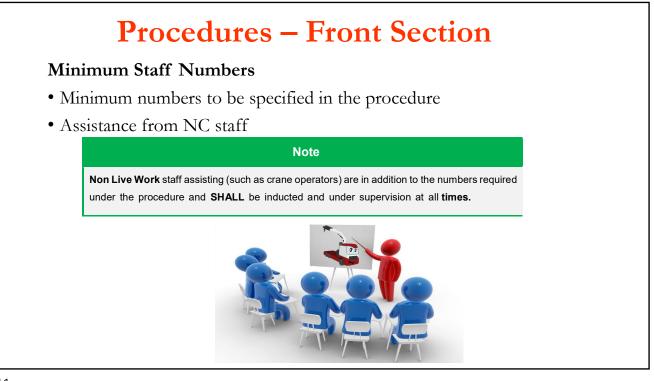
H&S Requirements

- Risk/hazard assessment
- Competence
- Stop work policy
- Responsibilities PIC/SO
- SP policies
- Ground to ground rule
- Communication devices



All work must comply as a minimum, SM-EI Rules, section EE 6.3011, EEA Guides and Practice Notes, AO and SP Health and Safety Procedures and Network owner requirements.

- In addition, each job SHALL include:
- Engagement and documentation identifying all hazards, risks, and the controls for these, specific to the tasks being undertaken. (Site Risk assessment)
- Verifying persons are competent for the activities they're undertaking as required by a documented work type competency policies and framework
- Reinforcement of SP policy regarding Stopping Work
- Define and document acknowledgment of responsibilities Supervisor, Safety Observer
- Understanding of relevant SP policies (e.g. PPE, In service tools and equipment, Heat and Fatigue, Arc flash)
- Ensuring Insulating gloves SHALL be worn "ground to ground"
- Implement control of the use of mobile communication devices in accordance with SM-EI , 4.1 TD Digital devices
- These procedures cover H&S risks associated with live work, other safety risk such as traffic
 management and work site should be covered through a specific risk assessment for the job

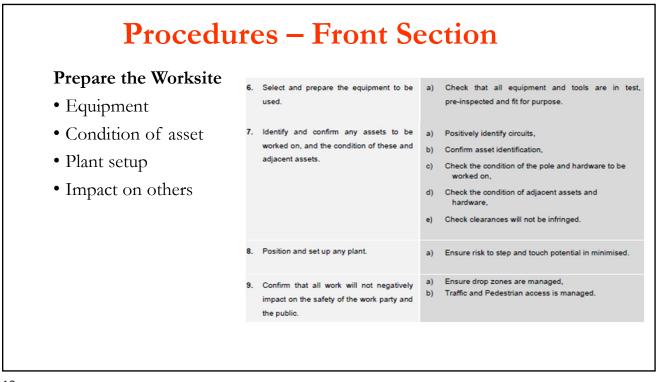


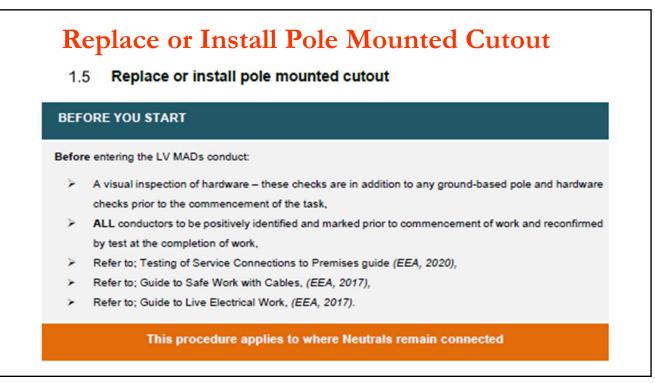
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Prepare the Worksite

- Weather
- LW justification
- Permits
- Risk assessment

1. Check the weather	a) Confirm there is an adequate weather window to undertake the task
	b) Discuss weather conditions as part of the Live Low Voltage Work Permit application
2. Check Live Low Voltage Work selection has been completed	a) Check the Live Low Voltage Work justification sheet has been completed
 Confirm you have the appropriate permits to work, any associated switching schedules required to complete the task 	 a) Ensure that adequate protection exists on the circuit being worked on and identified means of isolation under emergency preparedness. b) Ensure Live Work Permits are held
4. Obtain Live Low Voltage Work Permit	
5. Complete a site risk assessment.	The meeting should also include a) Discuss the tasks to be undertaken
Plan the work and identify all site and equipment Risks / Hazards ensuring all controls to manage the Risks / Hazards are in place	 b) The procedures to be used c) All SPOC are identified and managed d) Allocate individual team responsibilities e) Appoint a Safety Observer, as appropriate





Staff numbers Displace or Displace to where Neutrals remain connected Staff numbers Equipment Description Quantity Insulating mats and pegs Gonductor covers Assorted insulated tools Face shields Test Equipment Test Equipment

15

Replace or Install Pole Mounted Cutout

ACTION (The steps to be performed)	NOTES (Additional Information)
STEP 1 Confirm potential SPOC Cover all SPOC at different potentials that could be contacted by the body, tools, equipment, or conductors during the course of the work.	CAUTION The required outcome is that NO second point of contact (Phase to Phase or Phase to Earth) can be made by the worker at the work position. All SPOC SHALL be covered.
STEP 2 Identify the cut out requiring replacement and pull the fuse and test for de-energised.	For multi-phase supply pull all fuses, may also include pilot fuses.
STEP 3 Identify the Neutral and Phase conductors and mark accordingly.	

Replace or Install Pole Mounted Cutout NOTES (Additional Information) ACTION (The steps to be performed) STEP 4 Cut away leads to existing cutout. STEP 5 Fit new cutout to pole. STEP 6 Terminate and connect phase conductor from line in to cutout. STEP 7 Connect service lead in to cutout. STEP 8 Insert fuse and conduct electrical safety tests as Neutral connections should be checked as part of appropriate. Electrical safety checks. Reinstate fuses on multi-phase supply.

17

Replace or Install Pole Mounted Cutout

DIS - ESTABLISH THE WORK SITE

ACT	TION (The steps to be performed)	NOTES (Additional Information)
a)	Remove and lower all equipment.	
b)	Remove insulating barriers.	
C)	Store all live line equipment.	
d)	Sign off Live work permit as applicable, inform staff.	
e)	Return the Live work permits, inform staff as applicable.	
f)	De-brief the crews.	

Disconnect LV	umpers

ACTION (The steps to be performed)	NOTES (Additional Information)
STEP 1	Where practicable 'remove' the load by
Identify customers and disconnect / pull all fuses for	isolating supplies or back feeding the load via
connected load.	another source.
STEP 2 Confirm there is NO load.	Measure the circuit current /load that is intended to be broken.
STEP 3	The required outcome is that NO second point
Confirm potential second points of contact; fit and secure	of contact (Phase to Phase or Phase to Earth)
insulating barriers to all second points of contact. Apply to	can be made by the worker at the work
the nearest conductive part first. Barriers are to be fitted	position.
from below the conductor.	All SPOC SHALL be covered.

