WORKING NEAR ENERGISED ELECTRICAL INSTALLATIONS

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| **PCBU Address:** Lot 3, Redlynch Connector Road, Redlynch 4870**Job Title:** **Site Address:**  | **Date:** **Page:** 1 of 3 **SWMS No:** 28 | **New****Revised** |
| **Principal:**  | **Supervisor:** Ian Loccisano | **Approved by:** Ian Loccisano |
| **Required Personal Protective Equipment:** Safety boots, high visibility vest or shirt |
| **TASK** | **POTENTIAL HAZARDS** | **ACTION OR PROCEDURE** | **RESPONSIBILITY** |
| Work near energised electrical installations | Electrocution, burns, plant and property damage | Advise and consult with Ergon Energy on works in vicinity of Ergon assets where there is the potential for plant to enter the exclusion zone | Project manager |
| Communicate Ergon and Electrical Safety Act requirements to work crew | Project manager |
| Ergon & Electrical safety Act requirements complied with | All workers |
| Provide trained observer to monitor plant to prevent entering the relevant exclusion zone | Supervisor |
| Exclusion zone distances:* LV insulated with consult – 1000mm
* LV to 132kva – 3000mm
* 132kva to 350kva – 6000mm
* 350kva to 500kva – 8000mm

LV is less than 1000 volts | Supervisor |
| **TASK** | **POTENTIAL HAZARDS** | **ACTION OR PROCEDURE** | **RESPONSIBILITY** |
| Work near energised electrical installations | Electrocution, burns, plant and property damage | Communication with office in order to contact Queensland Ambulance & Ergon Energy in an emergency | Supervisor |
| Emergency procedures:* Clear area and maintain clearance
* Confirm lines are de-energised
* Apply First Aid treatment
 | Supervisor |
| All hazards | Daily periodical monitoring for compliance with Ergon & Electrical Safety Act requirements | Supervisor |



Risk assessment based on all procedures being in place

**Risk Assessment Matrix**



**Likelihood:** Very unlikely **Consequences:** Minor **Risk score:** 7