

# Position Description



Position Title	<b>Substation Electrician</b>
Position No	00050044
Delegation Level	007
Job Designation	Substation Electrician
Organisational Unit	Power Systems SEQ Assets
Work Centre	Mayne
Position Type	Permanent
Rail Safety Worker	Yes
Medical Fitness Standard	NHS Cat 3 ATTP
Performance Plan Type	Team Member/Tech Prof
Shiftworker	Yes 7 Day Worker
Classification (Range)	ET2 ELA .1 - ET3 ELA .2
Pay Scale Type	Network E & T
Reports to Position	Co-ordinator Power Systems

## QUEENSLAND RAIL VALUES:

- 1 Queensland Rail - We do better together
- Treat others with respect - We appreciate everyone's contributions and differences
- Empower our people - We have confidence in our people
- Act Safely - We work safe, to go home safe
- Make a positive difference - We learn from today, to improve tomorrow

## Position Purpose

To carry out the installation, maintenance and repair of power systems equipment and report on the performance and condition of the power systems asset to ensure its safe and effective operation.

## Position Responsibilities

1. Lead small teams or autonomously, as directed by the Coordinator Power Systems, to install, maintain and repair substation and associated equipment in accordance with predefined work programs.
2. Ensure all work is performed in accordance with Workplace Health and Safety (WH&S) requirements and legislative policies including work activities performed by subordinate employees.
3. Implement, co-ordinate and manage traction system isolation and access in accordance with Queensland Rail Standards.
4. Implement, co-ordinate and manage worksite safe working protection in accordance with Queensland Rail Standards.
5. Ensure all work is performed in accordance with technical and operational specifications and standards including work activities performed by subordinate employees.
6. Maintain all records and associated documentation relating to asset condition, maintenance programs and costing systems.
7. Report on actual work performed against the scheduled work program and equipment performance and condition irregularities.
8. Progress the implementation and application of work procedures and practices in pursuit of ensuring continuous quality improvement.

## Additional Factors

- The appointee will be required to :-
- Comply with Queensland Rail's Code of Conduct;
  - Observe all legal and safety obligations of the organisation;

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- Be available for call out/standby duties, overtime and higher grade relief as required;
- Be available to work away from home station and travel as required;
- Undertake further training considered necessary for the effective performance of the duties associated with the position and career development;
- Work in a semi-autonomous manner within broad guidelines;
- Work outside normal working hours when required;
- Where qualified, act in the position of Electric Control Operator as required;
- Attend training courses as required.

## What is the key selection criteria

1. Sound knowledge of high voltage traction substations and associated equipment.
2. Sound skill in the maintenance, testing and fault rectification of high voltage traction sub-stations and associated equipment.
3. Sound knowledge of high voltage safe working procedures.
4. Sound knowledge of the WH&S Act and relevant Queensland Rail policies and procedures.
5. Sound interpersonal, written, digital and oral communication skills.
6. Knowledge of and willingness to commit to and work within Queensland Rail's Values and Behaviours.

## Pre-employment Checks:

Not Applicable

## Pre-employment Qualifications:

### What qualifications do I need to hold prior to applying for the position?:

20300281 Nat Drv Lic C (Qld A < 09.04.96)  
40010051 G\_Electrical Mechanic Licence

### Mandatory Qualifications (If not already held, I will gain these when in position)

40007588 Wunya Induction  
30000912 Communications (QNRP)  
30000908 Safely Access the Rail Corridor (QNRP)  
40006426 Apply Fatigue Management Strategies  
40001627 Building Emergency Procedures  
40007686 Perform Pole Top Rescue 12Mth  
40003802 Provide CPR 12 Mths  
40010410 Safety Comes First Always Workshop  
40009729 Delivering a Pre-Start Briefing Network  
40008876 Working in the Electrified Territory  
40003357 Low Voltage Rescue (12 Mths)  
40008657 NHS Cat 3 ATTP  
40010951 G\_Working Safely at Heights  
40009807 G\_Working Safely in the Construction Ind

### Enterprise Qualifications (If not already held, I will gain these when in position)

40009601 Code of Conduct Refresher  
40013480 Fraud Awareness Induction  
00000804 TRACTION POWER Entry to HV Enclosure Awa  
40011513 G\_Load/Unload Goods/Cargo  
40011537 G\_Secure Cargo

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## Work Group Qualifications (If not already held, I will gain these when in position)

40011942 Introduction to Network Lockout  
30000910 Lookout Working (QNRP)  
40011944 Managing Network Lockout  
40011795 PO 12mth Monitoring  
40011794 Protection Officer (QNRP)  
40008128 RCPO 12mth Monitoring  
30000966 Rail Corridor Protection Officer (QNRP)  
40003803 Provide First Aid  
40001776 Commercial Ops Licence (ACDCB) 3yrs  
40011637 HRWL DG - Dogger  
40011638 HRWL LF - Forklift Truck  
40011643 HRWL WP - Elev Wrk Pform Boom >=11m  
20300291 Nat Drv Lic MR (Qld C2 < 09.04.96)  
40010689 Nominated Person Category O  
40010690 Nominated Person Category S  
09911598 UEPOPS456A PERF SWITCH TO SWITCH PROG  
09911063 UET40512 Certificate IV in ESI - Power S  
09911492 UETDTRRF03B Perform EWP rescue  
09911493 UETDTRRF08B Perform EWP controlled desce  
09912361 RIIRTM203D Work as a Safety Observer/Spo  
09911842 TLIB2001 Check and assess operational ca  
09911739 TLIC3045 Operate road/rail vehicle  
40010953 G\_Operate Veh Mounted crane <10 tonnes

## Health, Safety and Environment Responsibilities

Comply with the overarching document called Health, Safety and Environment Responsibilities MD-11-6843 located in the Safety and Environment Management System.

## Personal Protective Equipment needs:

Head and Face protection  
Eye Protection  
Hearing Protection  
Hand Protection  
High Visibility Clothing  
Safety Footwear  
Sunscreen SPF 15+

## Safety Publications

QR Electrification Safety Booklet  
QR Weekly Notice  
Your Health (Newsletter)  
C.E.O.'s Safety Statement  
C.E.O.'s General Safety Rules

## Please Note:

Queensland Rail has a random alcohol and other drug testing program.  
Testing can occur anywhere, at any time, on any day.