

Position Description



Position Title	Traction Power Commissioning Engineer
Position No	00080317
Delegation Level	006
Job Designation	Engineer Electrical
Organisational Unit	CRR Assets SEQ Assets
Work Centre	Brisbane
Position Type	Permanent
Rail Safety Worker	Yes
Medical Fitness Standard	NHS Cat 3 ATTP
Performance Plan Type	Team Member/Tech Prof
Shiftworker	No
Classification (Range)	PT3 .1 - PT3 .3
Pay Scale Type	ASPT
Reports to Position	Senior Traction Technical Co-ordinator

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

Plan, coordinate and manage Overhead Line Equipment (OHLE) construction and maintenance works including inspections and audits to ensure compliance, electrical safety, environmental, quality, technical requirements and contractual obligations are met.

Position Responsibilities

1. Perform inspections of overhead lines equipment to ensure compliance with safety and completeness of the specified works as per in line with relevant policies and guidelines.
2. Monitor and report on quality assurance procedures and perform audits and initiate corrective action to achieve the specified quality in the completed works.
3. Identify and report risks and issues associated with safety, environment, quality, and progress of works. Initiate and maintain on-site liaison and relationships with internal business areas and various other authorities that are involved with the contract works
4. Maintain records of all contract works including weekly reporting, quality assurance documentation and specific technical records
5. Provide technical and on-call support for the reliable operation of the traction network, including electrical safety advice and safety clarification advice to assist with project access and planning.
6. Understand and comply with the Queensland Rail Projects function applicable governance, principles, business rules and practices.
7. Inspect, test and commission system alterations and installations works ensuring compliance with Electrical Safety Legislation, Traction Power standards and specifications
8. Review and audit construction techniques, technological

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developments, innovations, and document requirements to ensure provision of an effective quality product.

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;
- Able to conduct work outside of normal work hours (nights and or weekends)

What is the key selection criteria

1. Extensive knowledge of traction systems, equipment, construction and testing standards
2. Extensive knowledge of traction safe working principles, practices and procedures, including testing, commissioning practices and procedures and traction alteration design.
3. High level of skill in interpreting and extracting data from OH engineering drawings and specifications
4. High level of skill in OH Construction Inspection activities.
5. Substantial level of interpersonal, communication and relationship management skills.
6. Substantial knowledge of overhead line equipment standards and practices.
7. Substantial knowledge of quality assurance principals and procedures in administration of overhead line equipment under a quality system specification.
8. Substantial skill in risk management identification and mitigation to ensure all legislation, regulations and practices are managed.
9. 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?:

20100220 Bach Eng - Elec

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

40007588 All Aboard
30000912 Communications (QNRP)
40008128 RCPO 12mth Monitoring
30000966 Rail Corridor Protection Officer (QNRP)
30000908 Safely Access the Rail Corridor (QNRP)
40001627 Building Emergency Procedures
40008876 Working in the Electrified Territory
40008657 NHS Cat 3 ATTP

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

40009601 Code of Conduct Refresher
40006537 Rail Safety Awareness

Health, Safety and Environment Responsibilities

Comply with the overarching document called Health, Safety and Environment Responsibilities MD-11-6843

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located in the Safety and Environment Management System.

Personal Protective Equipment needs:

Refer to relevant business instructions.

Safety Publications

Refer to relevant business instructions.

Please Note:

Queensland Rail has a random alcohol and other drug testing program.

Testing can occur anywhere, at any time, on any day.