

Position Description



Position Title	Electrical Engineer
Position No	00059743
Delegation Level	008
Job Designation	Engineer
Organisational Unit	HV Systems Engineering 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	Prin Engineer - Power Systems Desig

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

Provide electrical engineering services to support the Division in delivering quality, commercially focused electrical engineering solutions across the Queensland Rail Network and other Queensland Rail Lines of Business.

Position Responsibilities

1. Provide electrical engineering design and documentation towards the provision of commercially valuable effective electrical engineering solutions to Queensland Rail's businesses.
2. Provide design and documentation for overhead traction wiring systems and other railway electrical engineering infrastructure projects.
3. Positively position Queensland Rail as a valued business partner through applying high quality influencing, decision making, interpersonal and communication (verbal and written) skills to effectively liaise with stakeholders and represent Queensland Rail.
4. Identify and propose opportunities for business improvement, technology development and innovation to support and enhance Queensland Rail's commercial advantage.
5. Participate in a team of engineering professionals to ensure delivery of effective and commercially valuable electrical engineering solutions.
6. Meet the requirements of professional practice and/or the Quality Management System to provide consistent output of electrical engineering services and advice, ensure compliance with safety, operational and environmental Legislation, regulations and practices.

Additional Factors

The appointee will be required to :-
- Comply with Queensland Rail's Code of Conduct;

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- Observe all legal and safety obligations of the organisation;

What is the key selection criteria

1. High level of skill in applying electrical engineering methods to solve problems and provide engineering deliverables that provide commercial value to Queensland Rail.
2. Substantial skill in managing a project or a component of a major project and deliver business focused engineering outcomes.
3. Substantial interpersonal, written and verbal communication skills including building relationships with stakeholders.
4. Substantial level of skill in applying electrical engineering methods to identify opportunities for innovation and improvement and deliver commercial value to Queensland Rail.
5. Sound level of skill in contributing to a dynamic project-based team by demonstrating leadership in the delivery of engineering solutions.
6. Sound knowledge of the legal and regulatory environment applying to railway infrastructure projects.
7. 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 Wunya Induction
30000908 Safely Access the Rail Corridor (QNRP)
40001627 Building Emergency Procedures
40010410 Safety Comes First Always Workshop
40009729 Delivering a Pre-Start Briefing Network
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
40013480 Fraud Awareness Induction

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:

Refer to relevant business instructions.

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Safety Publications

QR Weekly Notice
QR SMS - Specifications (Complete Set)
Annual Safety Plan
Alcohol and Drug Policy Card
Chief Executive's Safety Statement
QR SMS Policy (Complete Set)
QR SMS Standards (Complete Set)

Please Note:

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