

Position Description



Position Title	Principal Engineer Traction Distribution
Position No	00063408
Delegation Level	006
Job Designation	Prin Elect Engineer (Qld Rail)
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	Tech Professional Expert
Shiftworker	No
Classification (Range)	PT5 .1 - PT5 .4
Pay Scale Type	ASPT
Reports to Position	Manager HV Systems Engineering

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 expert electrical engineering services and lead project-based teams to deliver quality, commercially focused electrical engineering solutions across the Queensland Rail.

Position Responsibilities

1. Lead and develop engineering professionals in project-based teams to ensure delivery of effective and commercially valuable electrical engineering solutions across Queensland Rail.
2. Provide expert electrical engineering services to complete projects against specified Key Performance Indicators (KPI), taking into account scope, quality and safety considerations and allocated budgets and timeframe to deliver valuable commercial outcome.
3. Maximise commercial outcomes for Queensland Rail by coaching and supporting teams to effectively manage stakeholder relations and to communicate (verbal and written) with positive impact.
4. Lead and coach individuals and teams in delivering commercial advantage and outcomes through business improvements, technology development and innovation.
5. Ensure each project team demonstrates professional integrity and good business approach to electrical engineering products delivered to meet operational requirements and deliver valuable commercial outcomes.
6. Certify, as a professional engineer, electrical engineering works and monitor and manage compliance of the team with the requirements of professional practice and/or the Quality Management System to provide consistent output of electrical engineering services, ensure compliance with safety, operational and environmental legislation, regulations and practices.

Position Description



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;

What is the key selection criteria

1. Extensive knowledge of AC electrified railway systems with particular focus on Overhead Wiring System, AC Electrification Earthing and Bonding.
2. Extensive knowledge of Australian and QR standards, legislation, associated technical specifications and the design, test and commission procedures with respect to AC electrified railways.
3. High level of skill in leading and developing a team of professional engineers and technical officers.
4. High level of skill in the delivery of business focused technical/ professional electrical engineering solutions that deliver commercial value in at least one area of electrical engineering practice: design, analysis and evaluation, asset management, infrastructure maintenance, construction and supervision, inspection/assessment/ auditing, commissioning and research and development.
5. High level of skill in coaching individuals and teams in maximising commercial outcomes through relationship management and communication (verbal and written).
6. High level of skill in coaching and leading multi-disciplinary project teams to deliver sustainable commercial outcomes within a complex regulatory environment.
7. High level of skill in delivering commercial advantage and outcomes through business improvements, technology development and innovation.
8. High level of skill in meeting statutory, regulatory and policy obligations, particularly in relation to satisfy the safety, environment, contract processes and human resource requirements in a commercially focused business.
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?:

40010366 G_Bachelor Engineering

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.

Position Description



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.