

Position Description



Position Title	Senior Signalling Engineer
Position No	00079624
Delegation Level	007
Job Designation	Engineer (Sig & Tele)
Organisational Unit	Signalling Design 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)	PT4 .1 - PT4 .4
Pay Scale Type	ASPT
Reports to Position	Team Leader Signalling Design

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 advanced engineering services and lead small based teams to deliver quality, commercially focused signal engineering solutions across Queensland Rail.

Position Responsibilities

1. Provide, as a professional engineer, advanced signal engineering design, cost estimation and documentation services as part of commercially valuable and effective signal engineering solutions to Queensland Rail's business against specified Key Performance Indicators (KPI's), with a primary focus on project conceptualisation and development.
2. Maximise commercial outcomes for Queensland Rail by initiating developing and reinforcing strong stakeholder relationships and by applying high quality influencing, advocacy, resolution and communication (verbal and written) skills.
3. Perform a central role as a signal engineering specialist in a team of engineering professionals, including multi-disciplinary project based teams to ensure delivery of effective and commercially valuable signal engineering solutions.
4. Propose, develop and implement business improvements, technology development and innovation to generate commercial advantage and outcomes.
5. Evaluate and integrate business improvements, technology development and innovation to generate commercial advantage and outcomes.
6. Meet the requirements of professional practice and/or the Quality Management System to provide consistent output of signal engineering services and advice, ensure compliance with safety, operational and environmental legislation, regulations and practices.

Position Description



7. Ensure professional integrity and good business approach to signal engineering products delivered by the team to meet operational requirements and deliver valuable commercial outcomes.

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. High level of skill in delivering signal engineering solutions to meet operational requirements and deliver commercial value in at least one area of signal engineering practice, design, analysis and evaluation, asset management, infrastructure maintenance, construction and supervision, inspection/assessment/auditing, commissioning and research and development.
2. High level of skills in project and resource management, budgets and meeting deadlines to deliver business focused engineering solutions.
3. High level of skills in relationship management and problem solving with multiple, diverse and often complex stakeholders.
4. High level of skills in co-ordinating small teams in a project based environment that achieves commercial outcomes through continual improvement and innovation.
5. High level of skills in proposing, developing and implementing business improvements, technology development and innovation to generate commercial advantage and outcomes.
6. High level of skill in meeting statutory, regulatory, legal and policy obligations, particularly in relation to satisfy the safety, environment, contract processes and human resource requirements applying to 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?:

- 20300281 Nat Drv Lic C (Qld A < 09.04.96)
- 40010530 G_Bach Eng (Electrical/Electronic)

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
- 40003357 Low Voltage Rescue (12 Mths)
- 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

Position Description



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

40008128 RCPO 12mth Monitoring
40008418 Rail Corridor Protect Off (QNRP)Crs Att
30000966 Rail Corridor Protection Officer (QNRP)

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.

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.