

Position Description



Position Title	Senior Civil Engineer
Position No	00049958
Delegation Level	005
Job Designation	Civil Engineer
Organisational Unit	Track and Civil Engineering Regional Assets
Work Centre	Maryborough
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	Track and Civil Engineering Lead

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 professional civil engineering support and advice on engineering issues; to improve the reliability of the rail network by ensuring assets are maintained or renewed as required; and ensure that remediation works are completed to appropriate engineering standards.

Position Responsibilities

1. Provide advanced civil engineering services to Network Near North Coast and achieve objectives against specified Key Performance Indicators, taking into account scope, quality, performance and safety considerations and allocated budgets and timeframes to deliver valuable commercial outcomes.
2. Coordinate the development, implementation, maintenance and review of the long term asset management plans.
3. Certify, as a professional engineer, civil engineering works and ensure that the requirements of professional practice and/or the Quality Management System are met to provide consistent output of civil engineering services and advice, ensure compliance with safety, operational and environmental Legislation, regulations and practices.
4. Conduct engineering and technical investigations and prepare reports on asset safety, condition and reliability issues.
5. Develop and implement predictive asset condition modelling tools with the below rail planning team to improve the reliability and life cycle cost of civil assets.
6. Ensure technical records, condition data and incident data for the civil assets are maintained up to date and in an accessible form.
7. Ensure professional integrity and good business approach to civil engineering products delivered to meet operational requirements and deliver valuable commercial outcomes.

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. High level of skill in providing technical/professional civil engineering deliverables that demonstrate commercial value in several of the following fields, specialising in at least one area of civil 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 skill in relationship management including negotiating critical outcomes, problem solving and networking with and influencing key stakeholders.
3. High level of skill in strategic thinking in long term civil asset maintenance and renewals.
4. High level analytical skills including root cause failure analysis and whole of life cost benefit analysis.
5. High level of skill in evaluating and integrating business processes and innovation to deliver commercial advantage and outcomes.
6. 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.
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?:

40010176 G_ Bachelor Engineering (Civil)

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

40007588 Wunya Induction
30000908 Safely Access the Rail Corridor (QNRP)
40006426 Apply Fatigue Management Strategies
40001627 Building Emergency Procedures
40010410 Safety Comes First Always Workshop
40009729 Delivering a Pre-Start Briefing Network
40008876 Working in the Electrified Territory
20100204 Prof Eng (Qld) Registered
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.

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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.