

Position Description



Position Title	Principal Structures Maintenance Engineer
Position No	00015493
Delegation Level	006
Job Designation	Civil Engineer
Organisational Unit	Track and Civil Technical Support 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	Team Leader Structures Assets Engineer

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

To manage the delivery of 'whole of life' asset management solutions for railway structures which are safe, reliable, affordable, results driven, customer focussed and optimises the utilisation of assets for the business.

Position Responsibilities

1. Contribute to the Structures & Civil team by engaging in a safety driven performance culture with high levels of expectation, teamwork and collaboration, building organisational capability working to understand the linkage between service excellence, customer satisfaction, revenue and profit.
2. Manage the implementation of recommendations outlined in internal and external audits.
3. Provide technical structural engineering advice to the business in relation to defects.
4. Assist and provide expert guidance to the Asset Manager Structures and Civil in:
 - the prioritisation of defects;
 - the development of short and long term planning for defect rectification;
 - the development of plans for the prioritisation of structure replacements in SEQ.
5. Provide expert advice into the feasibility of minor bridge upgrade works and prepare Scope of Works docs for consultants.
6. Development and regular review of Asset Management Plans for structures in SEQ.
7. Perform Engineering inspections and develop remedial solutions for defects using sound engineering practices.
8. Contribute to the achievement of business targets, objectives,

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performance measures, safety responsibilities, risk mitigation strategies and continually seek to contribute to business performance improvement initiatives.

9. Contribute to an environment that encourages the development of new ideas and innovation to improve productivity and drive efficiency.
10. Build and maintain excellent customer, stakeholder and service provider relationships at all levels in the business and community.
11. Manage resources and prioritise projects and technical requests to ensure advice is provided in accordance with business needs.
12. Supervise and mentor subordinate technical staff.

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;
- Operate in an autonomous manner within policy guidelines by exercising initiative and independent judgement
- Be available for duty outside normal working hours
- Be available to travel overseas and intra and interstate as required.

What is the key selection criteria

1. Extensive knowledge of civil asset standards, service levels, failure risks and controls.
2. High level of skill in the design, construction, inspection and maintenance and renewal of civil rail infrastructure.
3. High level analytical skills including root cause failure analysis and whole of life cost benefit analysis.
4. Substantial level of skill in the application of best practice management principles as they relate to long term civil asset maintenance and renewal.
5. Substantial level of interpersonal, consultation, negotiation and relationship building skills that build and sustain productive internal and external relationships and partnerships.
6. 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)

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:

Head and Face protection
Eye Protection
Hearing Protection
High Visibility Clothing
Safety Footwear

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Safety Publications

QR Electrification Safety Booklet

QR Weekly Notice

QR SMS - Specifications (Complete Set)

Your Health (Newsletter)

C.E.O.'s Safety Statement

C.E.O.'s General Safety Rules

QR SMS Policy (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.