

# Position Description



Position Title	<b>Senior Structures Maintenance Engineer</b>
Position No	00062737
Delegation Level	006
Job Designation	Engineering Officer
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)	PT4 .1 - PT4 .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

Provide professional Civil engineering services in relation to SEQ Civil Structures. To support and advise on civil and structural engineering issues to improve the reliability of the SEQ Rail Network ensuring structures assets are inspected, repaired and renewed when required to appropriate engineering standards.

## Position Responsibilities

1. Provide professional structural engineering support to the Structures Engineering Coordinator SEQ and Structures and Civil Team.
2. Monitor, review and support the compliance of the management of SEQ structures and inspections according to appropriate standards.
3. Support the development, implementation, maintenance and review of the long term asset management plans for the structures assets.
4. Develop and implement predictive asset condition modelling tools and procedures with the below rail planning team to improve the reliability and life cycle cost of civil structures assets.
5. Conduct engineering and technical investigations and prepare reports associated with asset safety, condition and reliability issues.
6. Provide professional civil engineering advice and construction supervision for asset renewal and asset reliability projects.
7. Liaise with expert technical engineering personnel from internal divisions or external consultants as required.
8. Participate in the civil engineering inspections in the SEQ network as required by the Civil Engineering Track and Structures Standards (CETS and CESS).
9. Ensure technical, asset, engineering and project records are maintained up to date, accurate and in an accessible form for projects managed by this position.
10. Relieve in the Structures Engineering Coordinator position as

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required.

11. Preparation of briefs for associated engineering and/or structures work to be released for tender to consultants and contractors. Management of consultants and contractors engaged to achieve required 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;
- Travel intrastate and interstate as required, and throughout the District on a regular basis;
- Undertake further training as required;

## **What is the key selection criteria**

1. Extensive Knowledge of technical/professional civil engineering deliverables, operations and practices and its inter-relativity with rail operations.
2. High level of management skills within a multidisciplinary infrastructure project environment
3. High written and oral communication, negotiation, motivation and interpersonal skills.
4. High level of skill in evaluating and integrating business processes and innovation with a multi-disciplinary project team to deliver commercial advantage and outcomes.
5. High level of civil engineering skill in the context of a major transport/logistic infrastructure environment 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.
6. Substantial level of skill in meeting statutory, regulatory and policy obligations.
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?:**

Be registered as a Professional Engineer under the Professional Engineers Act of Queensland or on appointment actively work towards becoming a registered Professional Engineer in accordance with the Professional Engineer's Act of Queensland.

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:**

Refer to relevant business instructions.

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## 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.