

Position Description



Position Title	Lead Structural Engineer
Position No	00062673
Delegation Level	005
Job Designation	Engineer
Organisational Unit	Structural Engineering Regional Assets
Work Centre	Townsville
Position Type	Permanent
Rail Safety Worker	Yes
Medical Fitness Standard	NHS Cat 3 ATTP
Performance Plan Type	Team Leader
Shiftworker	No
Classification (Range)	PT5 .1 - PT5 .4
Pay Scale Type	ASPT
Reports to Position	Senior Manager Regional 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

To lead a specialist structures team in supporting the Regional business by providing effective processes, investigative resources, and innovation for the management and reliability of infrastructure assets for the Regional business unit.

Position Responsibilities

1. Be accountable for the major operational and capital planning for structural assets for the Regional business unit which supports safety, reliability and operational improvement.
2. Lead the provision of expert structural engineering strategy development, advice, and recommendations for the management of structural assets for the Regional business unit.
3. Maximise commercial outcomes for Queensland Rail by coaching and supporting teams to effectively manage stakeholder relations and to communicate with positive impact.
4. Lead and coach individuals and teams in delivering improved reliability and outcomes through business improvements, technology development and innovation.
5. Ensure technical services team demonstrates professional integrity and good business approach to structural engineering products delivered to meet operational requirements and management of the asset.
6. Provide guidance, as a professional engineer, for structural engineering works and monitor and manage compliance with quality systems, internal and external standards, safety and environmental legislation, regulations and practices.
7. Establish and maintain relationships with internal and external stakeholders to facilitate effective strategies and governance procedures and where applicable, build capability.

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8. Assess and support research and development projects that promise significant improvements to the management of the structural infrastructure assets.
9. Monitor industry developments and foster innovation in design, construction, operation and maintenance to improve network reliability.

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 leading a team of technical professionals providing technical advice, design and verification services.
2. Extensive knowledge of railway structural infrastructure engineering, design, materials, standards, specifications and construction and maintenance methodologies.
3. Extensive knowledge of safety, governance, risk and compliance and its application to the regulation and risk mitigation for the construction, maintenance and operation of structural infrastructure.
4. Extensive knowledge of reliability techniques and high level of skill in leading failure investigations.
5. Substantial level of skill in asset management planning, strategy development and implementation within an operational and capital environment.
6. Substantial level of skill in interpersonal communication, consultation and negotiation skills that create an environment that motivates employee performance.
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?:

Must hold a Tertiary qualification in Civil Engineering acceptable for admission to membership of Institution of Engineers.

20100190 Bachelor of Engineering

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
20100204 Prof Eng (Qld) Registered
40006537 Rail Safety Awareness
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

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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.