

Position Description



Position Title	Technical Assurance Manager (The Wave)
Position No	00089327
Delegation Level	006
Job Designation	Manager
Organisational Unit	System Integration & Assurance
Work Centre	Brisbane
Position Type	Temporary
Rail Safety Worker	No
Medical Fitness Standard	Refer to relevant business instructions.
Performance Plan Type	
Shiftworker	No
Classification (Range)	Contract
Pay Scale Type	Contract
Reports to Position	Senior Technical Assurance Manager

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

Take a lead role in the implementation of the Configuration Change & the development of Systems Engineering & System Safety strategy for Queensland Rail Major Projects, which defines the mandatory requirements and criteria for progressive assurance and acceptance of the new/modified assets into the operational railway. Interface closely with internal and external stakeholders to ensure delivery is in accordance with contract Railway Transport Operator (RTO) requirements and work with the Discipline Head of Systems Engineering to embed Systems.

Position Responsibilities

1. Proactively identify areas of Systems Engineering deficiency to effect continuous improvement and monitor all non-conformances identified in system integration and assurance activities to close out, ensuring control effectiveness.
2. Provide Systems Engineering management, guidance and advice to project leads and multi-disciplinary team in the development of assurance processes and artefacts.
3. Engage internal and external stakeholders to ensure Systems Engineering and integration activities are undertaken in accordance with the asset acceptance strategy and provide input into the development of associated asset acceptance plans.
4. Lead (and develop where required) coordination of Systems Engineering and technical assurance artefacts in support of the asset acceptance strategy.
5. Lead and undertake system engineering assurance activities in accordance with approved processes to ensure compliance and efficacy. Enable effective and appropriate levels of status reporting to key audiences on a weekly basis of assurance delivery.
6. Mature railway integrity and assurance plans (RIAP) and Railway Integrity Assurance Reports (RIARs) progressively in accordance with

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MPI delivery schedule. Taking a Systems approach, align Configuration Change assurance activities with delivery approach.

7. Ensure quality of artefacts for presentation to the Railway Change Authority and Configuration Change Panel for approval.

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. Extensive knowledge (and practical experience) in development and implementation of system engineering, risk management, assurance and governance principles and practices as they apply to large and complex programs.
2. Extensive knowledge of rail systems safety, CENELEC and safety case development within organisations, specifically within a large-scale project environment.
3. High level of leadership, strategic thinking and management skills to deliver consistent outcomes across a large and complex safety-oriented organisation.
4. High level of skill in managing a large range of diverse stakeholders with specific interests including, senior leaders, employees, regulatory agencies and internal / external subject matter experts and the ability to work well within a multi-disciplinary team.
5. High level of influencing, interpersonal, consultation, relationship building and negotiation skills that build and sustain productive 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

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.