

# Position Description



Position Title	<b>Systems and Safety Assurance Lead - New Growth Projects</b>
Position No	00088834
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	Team Member - PPR
Shiftworker	No
Classification (Range)	PT5 .1 - PT5 .4
Pay Scale Type	ASPT
Reports to Position	Manager Safety & System Assurance

## 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 provide specialised guidance, evaluation, and analysis in the delivery of assurance to Queensland Rail through major projects, and supporting compliant delivery of project outcomes, that can be safely and functionally integrated with the Queensland Rail operational network. The role will be required to lead the planning of technical assurance delivery, manage internal and external stakeholders to ensure asset delivery is in accordance with contractual requirements and aligned with regulatory obligations as applicable to Queensland Rail as the accredited Railway Transport Operator (RTO).

## Position Responsibilities

1. Lead the definition, embedding, and implementation of the mandatory requirements and criteria for progressive assurance in Major Projects, to enable the successful acceptance of all new/modified assets and systems into the operational railway.
2. Influence project planning through validating that schedule and delivery plans include the necessary artefacts and dependencies required to support progressive assurance and engaging with QR Project Directors and Project Managers to ensure this is reinforced within contracts and formal project delivery documentation.
3. Lead the provision aligned delivery planning to the relevant Railway Integrity Assurance Manager (RIAM) supporting the development of the Queensland Rail Railway Configuration change assurance planning to ensure approval and gate progression is aligned with project timescales.
4. Through technical leadership and working closely with stakeholders, drive the logical and systematic delivery of project evidence to Queensland Rail, ensuring quality of artefacts presented for submissions.
5. Cultivate and maintain collaborative relationships with internal and

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external stakeholders to ensure assurance and integration activities are conducted in accordance with the appropriate Queensland Rail policies, standards, and specifications.

6. Provide specialist and strategic guidance to internal and external stakeholders in the interpretation of Queensland Rail requirements and standards, and provide advice on key risks, project changes, and regulatory compliance with respect to the development of system definition, contract and assurance artefacts.
7. Provide critical review of system safety assurance deliverables for projects to ensure they meet QR requirements and contractual obligations and where required, undertake safety analysis and assurance activities in accordance with approved processes to ensure compliance and efficacy of project outcomes.
8. Proactively identify and support the resolution of deficiencies and risk, and ISA Findings, through monitoring non-conformances identified in system integration and assurance activities to closure, ensuring control effectiveness and supporting continuous improvement.

## 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 of asset acceptance, systems safety engineering and assurance principles and practices as they apply to large, complex organisations, specifically within large-scale rail project environments.
2. Extensive knowledge and proven experience in development and implementation of systems engineering practices and integration of systems in complex operational environments.
3. High level of skill in hazard and risk management as it relates to systems safety and a high level of understanding of safety analysis techniques such as Failure Mode, Effects and Criticality Analysis (FMECA) and Fault Tree Analysis (FTA) to resolve complex issues.
4. High level of conceptual, analytical, research and problem-solving skills including the ability to effectively interpret and report on complex technical data.
5. High level of communication and interpersonal skills to collaborate effectively across a large range of diverse stakeholders with specific interests and a strong aptitude for working seamlessly within multi-disciplinary and cross-functional teams.
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?:**

40010891 G\_Bachelor Science (or higher)

## 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.