

# Position Description



Position Title	<b>Systems &amp; Safety Assurance Engineer</b>
Position No	00088033
Delegation Level	006
Job Designation	Officer
Organisational Unit	LGC Rail Alliance Cross River Rail Program
Work Centre	Brisbane
Position Type	Temporary
Rail Safety Worker	No
Medical Fitness Standard	Refer to relevant business instructions.
Performance Plan Type	Team Member/Tech Prof
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 and co-ordinate expert advice, analysis and assurance to ensure compliant delivery of major projects, that is safely integrated with Queensland Rail operational network. The role will be required to interface closely with internal and external stakeholders to ensure asset delivery in accordance with contractual Railway Transport Operator (RTO) requirements.

## Position Responsibilities

1. Assist in the development of and lead implementation of the mandatory requirements and criteria for progressive assurance and acceptance of the new/modified assets into the operational railway.
2. Provide input to the development of the Railway Configuration Change integrity and assurance plans and progressively coordinate project package evidence submission, ensuring quality of artefacts for presentation to the Railway Change Authority, working closely with the allocated Railway Integrity and Assurance Manager (RIAM) to ensure approval and gate progression.
3. Work collaboratively with internal and external stakeholders to ensure integration activities are undertaken in accordance with the asset assurance plan and the appropriate Queensland Rail policies, standards and specifications. Providing strategic guidance, interpretation of requirements and standards, and advise on key risks, project changes, regulatory compliance, and stakeholder expectations, to project leads and the project team in the development of system definition, contract and assurance artefacts.
4. Guide and review systems assurance deliverables produced by suppliers and interfacing parties to ensure they meet obligations. Lead and undertake system and safety assurance activities in accordance with approved processes to ensure compliance and efficacy. Co-ordinating

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and developing where required, technical assurance artefacts in support of the asset assurance plan.

5. Proactively identify areas of deficiency to effect continuous improvement and monitor all non-conformances identified in system integration and assurance activities to closure, ensuring control effectiveness.
6. Establish and maintain knowledge of critical aspects within contract packages as they relate to asset assurance, acceptance and overall system integration.
7. Where asset or operational risks are identified in project evolution, support definition of the requirements for amendments to existing.

## **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, risk and assurance principles and practices as they apply to large, complex organisations, specifically within large scale project environments.
2. Extensive knowledge of engineering construction, operations and maintenance practices.
3. High level of skill in developing and drafting standards and specifications or similar documentation.
4. High level of skill in performing and documenting risk assessments.
5. High levels of conceptual, analytical, research, investigatory and problem solving skills including the ability to effectively interpret and report on complex technical data.
6. Sound knowledge of the fields of design, asset management and inspection/assessment/auditing.
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?:**

40010366 G\_Bachelor Engineering

## **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.