Position Title	**Systems Safety Assurance Lead**

Position No	00089245
Delegation Level	006
Job Designation	Manager
Organisational Unit	Beerburrum to Nambour
	Major Projects Delivery
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)	PT5 .1 - PT5 .4
Pay Scale Type	ASPT
Reports to Position	Senior Design Manager - B2N

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 leadership, guidance, evaluation, and analysis in the delivery of safe, integrated and compliant outcomes for Queensland Rail. The role will be required to lead the planning for both independent and internal assurance for the projects within the remit of Major Projects - B2N Project. This will include the management of internal and external stakeholders to ensure assets are delivered in accordance with contractual and safety requirements and aligned with regulatory obligations as applicable to Queensland Rail as the accredited Rail Transport Operator (RTO).

Position Responsibilities

1. Lead the definition, integration, and implementation of mandatory requirements and criteria for progressive assurance in Major Projects, ensuring the successful acceptance of all new or modified assets and systems into operational service within the railway network.

2. Influence project planning by ensuring that schedules and delivery plans incorporate the artefacts and dependencies necessary to support progressive assurance. Collaborate with QR Project Directors and Project Managers to embed these requirements into contracts and formal project delivery documentation.

3. Lead the development of assurance delivery plans that support QR governance planning, ensuring that approval and gate progression align with project timelines. This includes managing assurance across project interfaces and requirements, including scope change control. Ensure that inputs, outputs, and derived or allocated requirements from external interfacing projects (e.g., adjoining infrastructure upgrades or enabling works) are captured, assessed, and verified within the B2N Safety Assurance scope.

4. Manage Queensland Rail's representation, and represent Queensland Rail at Safety in Design (SiD) and hazard workshops, ensuring that risks, impacts, and controls are identified, assessed, and effectively managed throughout the project lifecycle. This includes ensuring appropriate allocation of controls, as well as their acceptance and implementation by Queensland Rail.

5. Foster and maintain strong collaborative relationships with internal and external stakeholders to ensure assurance and integration activities are carried out in accordance with the applicable assurance plan, as well as relevant Queensland Rail policies, standards, and specifications.

6. Provide specialist and strategic guidance to internal and external stakeholders on the interpretation of Queensland Rail requirements and standards. Offer expert advice on key risks, project design and scope changes, and regulatory compliance related to the development of system definitions, contracts, and assurance artefacts.

7. Conduct critical reviews of system safety assurance deliverables to ensure alignment with Queensland Rail requirements and contractual obligations. Maintain clear traceability of design changes and the impact of control measures on safety assurance outcomes. Where necessary, perform safety analyses and assurance activities in accordance with approved processes to verify compliance and support effective project delivery.

8. Proactively identify and support the resolution of deficiencies, risks, and findings raised by the Independent Safety Assessor (ISA) and Rail Independent Certifier (RIC). Collaborate with stakeholders to monitor and close out non-conformances identified through system integration and assurance activities, ensuring control effectiveness and promoting a culture of 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, with proven application in large, complex organisations particularly within major rail infrastructure projects.

2. High level of skill in hazard and risk management within the context of systems safety, with a strong command of safety analysis techniques such as Failure Mode, Effects and Criticality Analysis (FMECA) and Fault Tree Analysis (FTA) to resolve complex technical and operational challenges.

3. High level of conceptual, analytical, research, and problem-solving skills, with the ability to interpret, synthesize, and communicate complex technical data to support informed decision-making.

4. Extensive knowledge and demonstrated experience in the development and implementation of systems engineering practices, including the integration of complex systems within operational environments.

5. High level of influencing and interpersonal skills, with the ability to collaborate effectively across a broad range of stakeholders and disciplines, and a proven ability to operate within multi-disciplinary and cross-functional teams.

6. Knowledge of and willingness to commit to and work within Queensland
   Rail's Value 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.

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.