

# Position Description



Position Title	<b>Technical Integration Director</b>
Position No	00086615
Delegation Level	003
Job Designation	Manager
Organisational Unit	Integration External Interface
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	Prgm Drct Integration External Interface

## **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**

Lead and direct the Systems and Technical Integration stream for the Major Projects Engineering and Rail Safety (MPERS) portfolio with the accountability for the overall strategy, performance, functional delivery of railway systems integration and associated change management and configuration activities.

This role will also provide high levels of expertise to the MPERS Project Directors in ensuring appropriate management techniques are applied to complex integration issues, with a focus on ensuring systemic and long-term technical and operational issues are adequately addressed.

## **Position Responsibilities**

1. Participate as a member of the TSD (PPP & Precincts) leadership team to provide senior leadership of key issues relating to the Systems and Technical Integration strategy linked to multiple major projects within the portfolio, in a complex project landscape comprised of internal and external stakeholders.
2. Act as the point of accountability in providing overall management of key engineering issues relevant to the major projects in the MPERS portfolio at different stage gates, including:
  - a. Integration of key systems Automatic Train Operation (ATO), Platform Screen Doors (PSD), Tunnel Ventilation Control (TVCS) and Frauscher Advanced Axle Countertop.
  - b. Expert input to New Generation Rollingstock (NGR) integration with ETCS/Tunnel systems and other emerging engineering and integration challenges.
3. Liaise and negotiate with diverse stakeholders, including the Board, CEO, and government agencies, to influence decision-making and mitigate interoperability issues, providing expert advice on technical matters.



4. Manage all MPERS procurement and oversight of consultants for CRR/ETCS portfolio, ensuring consistency, value for money, and adherence to budgets, schedules, safety targets, and performance measures.
5. Provide senior leadership and expert advice to delivery partners across the MPERS portfolio regarding impacts on Queensland Rail as a result of the ongoing technical design and provide timely advice on key governance and planning and design stream issues.
6. Lead and direct the management of engineering technical standards, design control, configuration guidelines to meet business and legislative requirements.
7. Manage MPERS input to the Integration Hub and act as the primary point of escalation and mediation for program risks.
8. Lead the implementation of governance systems for operational readiness and provide guidance to the MPERS Assurance team for ONRSR and ISA input.
9. Cultivate a high-performance culture among technical specialists, emphasizing customer service, stakeholder engagement, collaboration, and capability building to align with QR strategy and project objectives.

## **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 in experience in System Integrations related to major projects >\$500m with demonstrated experience in commissioning complex systems into safe and functional revenue service.
2. High levels of skill in Engineering, Integration, Project Management, Design and Change - Management in a complex major project environment.
3. High levels of skill in the application of specialist domain knowledge relevant to Digital Control Systems.
4. Extensive knowledge experience in planning, performing and managing safety integration tasks in line with internationally Recognised best practice.
5. High levels of skill in operational readiness activities related to integrating systems into wider operational networks.
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.

# Position Description



## 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.