

Position Description



Position Title	Principal Business Analyst
Position No	00087848
Delegation Level	006
Job Designation	Analyst
Organisational Unit	Advance Digital Capabilities Ready for Growth
Work Centre	Brisbane
Position Type	Temporary
Rail Safety Worker	No
Medical Fitness Standard	Refer to relevant business instructions.
Performance Plan Type	Tech Professional Expert
Shiftworker	No
Classification (Range)	AS7 .1 - AS7 .4
Pay Scale Type	ASPT
Reports to Position	Initiative Owner (Digital)

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 drive innovation to shape the future of Queensland Rail through the adoption of Industry 4.0 technologies. Identify opportunities, define requirements, and deliver tangible technological advancements within a high impact team. The role demands direct engagement with digital tools, data analysis, and solution implementation to ensure successful adoption and execution of forward-thinking initiatives.

Position Responsibilities

1. Lead business analysis within the Digital Centre of Excellence, ensuring alignment with business objectives and operational needs while fostering collaboration with key stakeholders across technical and business teams.
2. Identify and evaluate emerging digital technologies, including Industrial Internet of Things (IIoT), AI-driven automation, and predictive analytics. Develop compelling business cases for new technologies and assess their feasibility.
3. Conduct advanced analysis of existing processes, identifying inefficiencies and opportunities for optimisation and utilise data insights to streamline workflows and improve operational efficiency.
4. Develop high-quality business and functional requirements, ensuring clear and effective communication with technical teams to align on solution implementation.
5. Actively participate in the hands-on implementation process, including data analysis, system testing, troubleshooting, and ensuring the successful deployment of digital solutions.
6. Apply human-centred design principles to solutions, ensuring they deliver real value to users and enhance their overall experience.
7. Establish best practices and frameworks for business analysis within the Digital Centre of Excellence, ensuring structured and scalable

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approaches to digital innovation.

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. High level of leadership in business analysis, with the ability to support business objectives and operational needs while leading effective collaboration across stakeholders.
2. Extensive knowledge of Industry 4.0 technologies and their practical applications in enhancing business processes and decision-making including IIoT, AI-driven automation, and predictive analytics.
3. High level of analytical skill in process optimisation, utilising data-driven insights to drive improvements in efficiency and effectiveness.
4. High level of problem-solving skills to define and document business and functional requirements, ensuring alignment between business needs and technical teams.
5. High level of technical skills in solution implementation support, including data analysis, system testing, and troubleshooting, ensuring successful technology deployment.
6. Extensive knowledge of user-centred design approaches to ensure solutions provide tangible value and improve stakeholder experiences.
7. Knowledge of and willingness to commit to and work within Queensland Rail's Value and Behaviours.

Pre-employment Checks:

Not Applicable

Mandatory Qualifications (If not already held, I will gain these when in position)

- 40007588 Wunya Induction
- 40001627 Building Emergency Procedures

Enterprise Qualifications (If not already held, I will gain these when in position)

- 40009601 Code of Conduct Refresher
- 40013480 Fraud Awareness Induction
- 40006537 Rail Safety Awareness

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.