

# Position Description



Position Title	<b>Senior Signal Engineer</b>
Position No	00075804
Position Structure Level	007
Job Designation	Engineer (Sig & Tele)
Organisational Unit	Signalling Design Network Asset Management
Work Centre	Brisbane
Position Type	Permanent
Rail Safety Worker	Yes
Medical Fitness Standard	NHS Cat 3 ATTP
Performance Plan Type	Tech Professional Expert
Base Hours (Fortnight)	76.00
Shiftworker	No
Classification (Range)	PT5 .1 - PT5 .4
Pay Scale Type	ASPT
Reports to Position	Manager Signalling Design

## **QUEENSLAND RAIL VALUES:**

1 Queensland Rail - Be One, Proud and Focused  
Treat each other with Respect - Be Open, Honest and Supportive  
Enjoy what we do - Be Positive, Involved and Enthusiastic  
Act Safely - Be Aware, Prepared and Accountable  
Make a difference - Be Innovative, Adaptable and Resourceful

## **Position Purpose**

Provide expert signalling engineering services to deliver quality, commercially focused outcomes across Queensland Rail, and in particular apply, interpret and support the continuous improvement of standards and specifications related to signalling design processes.

## **Position Responsibilities**

1. Lead and develop engineering professionals in project-based teams to ensure delivery of effective and commercially valuable signal engineering solutions across Queensland Rail
2. Provide expert signal engineering services to achieve objectives against specified Key Performance Indicators (KPI's), taking into account scope, quality and safety considerations and allocated budgets and timeframe to deliver valuable commercial outcomes.
3. Maximise commercial outcomes for Queensland Rail by coaching and supporting teams to effectively manage stakeholder relations, implementing and evaluating relationship management strategies and by applying high quality negotiation, influencing, resolution and communication skills (verbal and written) to complex situations.
4. Lead and coach individuals and teams in delivering commercial advantage and outcomes through business improvements, technology development and innovation.
5. Ensure each project team demonstrates professional integrity and good business approach to signal engineering products delivered by the team to meet operational requirements and deliver valuable commercial outcomes.
6. Certify, as a professional engineer, signal engineering works and ensure that the requirements of professional practice and/or the Quality Management System are met to provide consistent output of

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signal engineering services and advice, ensure compliance with safety, operational and environmental Legislation, regulations and practices.

## **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 skill in providing technical/professional signal engineering solutions that demonstrate commercial value in at least one area of signal engineering practice: design, analysis and evaluation, asset management, infrastructure maintenance, construction and supervision, inspection/assessment/auditing, commissioning and research and development.
2. High level of skill in leading and developing a team of professional engineers and technical officers; and relationship management, negotiation, problem solving and networking with and influencing key stakeholders.
3. High level of skills in coaching individuals and teams in maximising commercial outcomes through relationship management and communication (verbal and written).
4. High level of skills in coaching and leading multi-disciplinary teams to deliver sustainable commercial outcomes within a complex regulatory environment.
5. High level of skill in evaluating and integrating business processes, business improvement, technology development and innovation with a multi-disciplinary team to deliver commercial advantage and outcomes.
6. High level of skill in meeting statutory, regulatory and policy obligations, particularly in relation to satisfy the safety, environment, contract processes and human resource requirements in a commercially focused business.
7. Knowledge of and willingness to commit to and work within Queensland Rail's Values and Behaviours.

## **Pre-employment Qualifications:**

### **What qualifications do I need to hold prior to applying for the position?:**

40010530 G\_Bach Eng (Electrical/Electronic)

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

40007588 All Aboard  
30000908 Safely Access the Rail Corridor (QNRP)  
40001627 Building Emergency Procedures  
40003802 Provide CPR 12 Mths  
40010410 Safety Comes First Always Workshop  
40009729 Delivering a Pre-Start Briefing Network  
40003357 Low Voltage Rescue (12 Mths)  
20100204 Prof Eng (Qld) Registered  
40008657 NHS Cat 3 ATTP

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

40009601 Code of Conduct Refresher

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## **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.