

Position Description



Position Title	Signalling Engineer
Position No	00072194
Delegation Level	007
Job Designation	Engineer (Signalling), Signal Design
Organisational Unit	Signalling Engineering Delivery SEQ Assets
Work Centre	Brisbane
Position Type	Permanent
Rail Safety Worker	No
Medical Fitness Standard	Refer to relevant business instructions.
Performance Plan Type	Team Member/Tech Prof
Shiftworker	No
Classification (Range)	PT3 .1 - PT3 .3
Pay Scale Type	ASPT
Reports to Position	TL Signalling Project Coordination

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

Performs engineering functions in relation to railway signalling requirements throughout Queensland Rail.

Position Responsibilities

1. Perform assignments in the office or the field in signal engineering work and associated railway operations.
2. Carry out signalling circuit design, preparation of control tables, cost estimates and specifications.
3. Conduct validation checking of safety critical signalling designs as directed.
4. Carry out testing and commissioning of signalling installation works.
5. Supervise and check work of technical staff assigned to the same project in the office or the field.
6. Work under supervision. Duties are generally assigned orally as to methods and procedures to be followed.

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;
 - Undergo annual performance appraisal.

- The appointee may be required to:-
- Travel throughout Queensland and interstate;
 - Work throughout the state on a rotational basis;
 - Attend further training as directed.

Position Description



What is the key selection criteria

1. Substantial level of skill in taking a lead role in Signal Design, Maintenance, Project Management or Testing.
2. Substantial technical knowledge of signalling principles, standards, processes.
3. Substantial level of skill in working autonomously, setting goals and identifying outcomes, whilst being part of a team.
4. Substantial level of skill in oral communication and in writing clear and concise technical reports.
5. Sound level of skill in cost estimating techniques for design, supply and construction of engineering.
6. 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?:

An equivalent qualification to that listed below will also be acceptable.

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
40010410 Safety Comes First Always Workshop
40009729 Delivering a Pre-Start Briefing Network
40008876 Working in the Electrified Territory

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

40009601 Code of Conduct Refresher
09911731 TLIF2010 Apply fatigue management strate

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.