

Position Description



Position Title	Senior Signalling Engineer
Position No	00078793
Delegation Level	006
Job Designation	Engineer
Organisational Unit	Signalling Systems Engineering Regional Assets
Work Centre	Townsville
Position Type	Permanent
Rail Safety Worker	Yes
Medical Fitness Standard	NHS Cat 3 ATTP
Performance Plan Type	Team Member/Tech Prof
Shiftworker	No
Classification (Range)	PT4 .1 - PT4 .4
Pay Scale Type	ASPT
Reports to Position	Signalling Systems Lead

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

Provide engineering support, interface-liaison support and safety advice for all stakeholders regarding the operation, maintenance and management of the Signalling System and the associated signalling infrastructure.

Position Responsibilities

1. Provide engineering support for Regional Assets maintenance and operational services for Signalling equipment and systems. This includes technical support to external stakeholders where they interface with Regional Assets Networks.
2. Track and investigate faults/incidences, this includes Fault Recording and Maintenance Scheduling information on an as required basis.
3. Provide documentation and testing and commissioning for railway signal engineering infrastructure projects.
4. Maximise commercial outcomes for Queensland Rail by initiating developing and reinforcing strong stakeholder relationships and by applying high quality influencing, advocacy, resolution and communication (verbal and written) skills.
5. Liaise with Regional Assets Management on strategic maintenance planning matters and provide whole-of-life-cycle analysis data and recommendations for capital investment in the signalling area that will reduce maintenance costs and/or improve asset performance.
6. Meet the requirements of professional practice and/or the Quality Management System to provide consistent output of signal engineering services and advice, ensure compliance with safety, operational and environmental legislation, regulations and practices.

Additional Factors

The appointee will be required to :-

Position Description



- Comply with Queensland Rail's Code of Conduct;
- Observe all legal and safety obligations of the organisation;
- Travel throughout Queensland and interstate as required;
- Attend further training as directed;
- Undergo annual performance appraisal.

What is the key selection criteria

1. Extensive knowledge of Signalling Systems and equipment and the applicable Queensland Rail/maintenance standards and the Regional Assets Network procedures, processes and the Divisional instructions.
2. Extensive knowledge of Signalling Safe-working Principles, practices and procedures including testing and commissioning procedures of safety Critical signalling system.
3. Substantial level of technical and operational skill in investigating Signalling incidents.
4. Substantial skills in co-ordinating small teams in a project/maintenance based environment that achieves commercial outcomes through continual improvement.
5. Substantial knowledge of the legal and regulatory environment applying to signalling infrastructure.
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?:

20300281 Nat Drv Lic C (Qld A < 09.04.96)
40005297 Bach of Eng (Electrical & Electronic)

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

40007588 Wunya Induction
30000908 Safely Access the Rail Corridor (QNRP)
40006426 Apply Fatigue Management Strategies
40001627 Building Emergency Procedures
40003802 Provide CPR 12 Mths
40010410 Safety Comes First Always Workshop
40009729 Delivering a Pre-Start Briefing Network
40008876 Working in the Electrified Territory
40003357 Low Voltage Rescue (12 Mths)
40008657 NHS Cat 3 ATTP
40009807 G_Working Safely in the Construction Ind

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.

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**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.