

Position Description



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| Position Title | Senior Signalling Engineer |
| Position No | 00088725 |
| Delegation Level | 006 |
| Job Designation | Engineer |
| Organisational Unit | Signalling Systems Engineering Regional Assets |
| Work Centre | Townsville |
| 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) | 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 :-

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- Comply with Queensland Rail's Code of Conduct;
- Observe all legal and safety obligations of the organisation;
- Be available to travel as required;
- Be available for call out duties and overtime outside normal working hours as required;
- 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 Supply Chain North 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?:

40003357 Low Voltage Rescue (12 Mths)
20300281 Nat Drv Lic C (Qld A < 09.04.96)
40005297 Bach of Eng (Electrical & Electronic)

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.