

Position Description



Position Title	Senior Mechanical Engineer
Position No	00089991
Delegation Level	007
Job Designation	Engineering Officer
Organisational Unit	Regional Rollingstock - Mechanical Regional Rollingstock
Work Centre	Mayne
Position Type	Temporary
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	Principal Mechanical Engineer

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

This role is primarily responsible for providing senior level mechanical technical support and rollingstock safety and operational advice to Rollingstock Maintenance and other stakeholders for the operation and maintenance of mechanical systems and components.

The position focuses on improved safety and performance to ensure rollingstock availability, reliability and cost effectiveness.

Position Responsibilities

1. Provide expert technical advice and support for maintenance and operation of Queensland Rails rollingstock fleet.
2. Complete engineering investigations to improve the reliability and performance of rollingstock and associated equipment by monitor rollingstock performance, developing investigation plans and complete tests, analyse data and make recommendations.
3. Develop scopes of work, specifications, instructions, design drawings and any other documents to the required standards in relation to rollingstock and plant maintenance.
4. Manage safety, reliability and cost improvement projects in relation to rollingstock modifications, rollingstock overhauls and general maintenance.
5. Liaise with technical and trade staff, Queensland Rail staff and contractors regarding rollingstock maintenance support, procurement activities and day of operation issues.
6. Conduct quality audits on rollingstock maintenance procedures and practices in accordance with established standards.
7. Provide technical support to servicing facilities and evaluate the suitability of equipment and work practices used in relevant depots and the impact to Rollingstock systems.



8. Mentor and coach engineers to maximise team performance by providing performance feedback, advice, encouragement, training and professional development.
9. Use existing corporate maintenance management system and any other required PC based system to produce performance reports.

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 further training as directed;
- Travel both interstate and intrastate;
- Undergo annual Performance Appraisal;
- Operate in an autonomous manner with broad direction given by the Site Support Manager.

What is the key selection criteria

1. Extensive knowledge of the technical operation, maintenance requirements, servicing and repair of rollingstock and associated equipment.
2. High level of skill in the implementation of quality improvement principles in relation to rollingstock reliability and performance improvement.
3. High level of skill in undertaking technical investigations, rollingstock tests, problem solving, component failure analysis, trial modifications and preparation of technical reports.
4. High level of skill in developing maintenance systems, strategies, scopes of work and modifications to improve rollingstock performance.
5. High level of communication, consultation, negotiation and engagement skills with a range of internal and external stakeholders and suppliers.
6. Substantial skill in the use of PC and mainframe based applications used in the rollingstock maintenance industry.
7. 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?:

20100230 Bach Eng - Mech

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.

Position Description



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.