

Position Description



Position Title	Mechanical Engineer
Position No	00083433
Delegation Level	007
Job Designation	Engineering Officer
Organisational Unit	Maintenance Engineering SEQ Operations
Work Centre	Mayne
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)	PT3 .1 - PT3 .3
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 performing mechanical engineering functions to improve the safety, availability, reliability and cost effectiveness of Queensland Rail's rollingstock fleet.

Position Responsibilities

1. Provide technical assistance and advice to rollingstock maintenance.
2. Monitor rollingstock performance, carry out tests, analyse and make recommendations to improve the reliability and performance of rollingstock and associated equipment.
3. Conduct quality audits on rollingstock maintenance procedures and practices in accordance with established standards.
4. Develop scopes of work, specifications, instructions, design drawings and any other documents to the required standards for rollingstock maintenance.
5. Monitor the performance of servicing facilities and evaluate the suitability of equipment and work practices used in relevant depots.
6. Manage modifications to parts and equipment, including problem solving and fault finding reliability, modifications, upgrades and general maintenance.
7. Liaise with technical and trade staff and other Queensland Rail staff regarding rollingstock maintenance issues.
8. 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;

Position Description



What is the key selection criteria

1. Substantial knowledge of the technical operation, maintenance requirements, servicing and repair of rollingstock and associated equipment.
2. Substantial skill in the implementation of quality improvement principles in relation to rollingstock reliability and performance improvement.
3. Substantial skill in undertaking technical investigations, rollingstock tests, problem solving, trial modifications and preparation of technical reports.
4. Substantial skill in developing maintenance systems, strategies, scopes of work and modifications to improve rollingstock performance.
5. Substantial interpersonal, written and oral communication and training skills.
6. Sound 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.

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.