

# Position Description



Position Title	<b>Senior Electrical Engineer</b>
Position No	00084021
Delegation Level	007
Job Designation	Engineer Electrical
Organisational Unit	Rollingstock Specialist Engineering SEQ Assets
Work Centre	Mayne
Position Type	Permanent
Rail Safety Worker	Yes
Medical Fitness Standard	NHS Cat 3 ATTP
Performance Plan Type	Team Member - PPR
Shiftworker	No
Classification (Range)	PT4 .1 - PT4 .4
Pay Scale Type	ASPT
Reports to Position	Principal Electrical 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 technical Support, technical management of projects and rollingstock safety and operational advice to RollingstockMaintenance and other stakeholders for the introduction, compliance, operation and maintenance of electrical and electronic equipment fitted to rollingstock.

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

## **Position Responsibilities**

1. Provide expert technical assurance advice and support for the management and operation of the Queensland Rail rollingstock fleet.
2. Develop scopes of work, specifications, instructions and other documents to the required standards for the acquisition or modification of the Queensland Rail rollingstock or associated equipment.
3. Provide technical management of rollingstock projects.
4. Audit rollingstock, carry out investigations and make recommendations on the compliance of rollingstock against Queensland Rail specifications, standards and relevant legislation.
5. Determine and set standards and requirements for the design, maintenance and overhaul of electrical equipment on the Queensland Rail rollingstock fleet.
6. Be familiar with and understand the principles and practices of Queensland Rail standards, relevant legislation and acts, and Queensland Rail business requirements to ensure technical compliance and assurance of rollingstock projects.
7. Investigate new technologies to enhance the safety and reliability of the Queensland Rail rollingstock fleet.



## **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;

## **What is the key selection criteria**

1. High level of skill in technical assurance, acceptance and safety compliance in a passenger rollingstock environment.
2. High level of skill in carrying out rollingstock fault-finding investigations and providing technical support and advice to relevant stakeholders.
3. High level of skill in developing and continuously improving electrical systems, strategies, setting standards, scopes of work and modifications to improve rollingstock performance, reliability, safety and cost.
4. High level of skill in formulating procedures and introducing new technologies for the purchase of new equipment and maintenance of existing equipment.
5. High level of skill in leading, mentoring and training personnel in technical assurance, safety and compliance of rolling stock.
6. High level of communication, consultation, negotiation and engagement skills with a range of internal and external stakeholders and suppliers.
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?:**

40010530 G\_Bach 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.