

# Position Description



Position Title	<b>Principal Rail Assets Engineer</b>
Position No	00084064
Delegation Level	006
Job Designation	Engineer
Organisational Unit	Track and Civil Technical Support SEQ Assets
Work Centre	Brisbane
Position Type	Permanent
Rail Safety Worker	No
Medical Fitness Standard	Refer to relevant business instructions.
Performance Plan Type	Tech Professional Expert
Shiftworker	No
Classification (Range)	PT5 .1 - PT5 .4
Pay Scale Type	ASPT
Reports to Position	Manager Track & Civil Assets Engineering

## **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 expert engineering services to advance rail grinding activities, aligning them with industry best practices and optimising rail asset management for enhanced performance.

## **Position Responsibilities**

1. Lead the development of comprehensive rail grinding strategies, collaborating with strategy coordinators and aligning documentation with industry best practices.
2. Provide technical engineering advice to the rail grinding contract manager and contractors, ensuring well-informed decisions and successful project execution.
3. Analyse complex rail condition data, including Non-Destructive Testing (NDT) insights, and deliver proactive recommendations to enhance asset management strategies.
4. Participate actively in asset condition investigations and contribute to root cause analysis assessments, bolstering data-driven decision-making.
5. Engage in relevant committees and working groups, lending a strong engineering perspective to foster collaboration and guide strategic planning.
6. Monitor and assess grinding activities, including on-site evaluations when necessary, to maintain compliance with established standards and objectives.
7. Collaborate with internal teams to ensure the development and implementation of effective rail maintenance strategies, enhancing overall asset performance.
8. Mentor and support junior staff, including graduates in rotation to assist in the development of team capability and contribution to organisational goals.

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## 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;
- Be available to work on site, throughout Queensland, including night works and weekends.

## What is the key selection criteria

1. Extensive knowledge of strategic planning, particularly in the context of rail engineering, to lead the development of comprehensive rail grinding strategies.
2. High level of technical expertise in engineering, enabling the provision of valuable advice to project managers and contractors for effective project execution.
3. High level of skill in data analysis, including the ability to interpret intricate rail condition data, to provide proactive recommendation for improved asset management.
4. High level of problem-solving skills and the ability to contribute to root cause analysis assessments to support data-driven decision-making.
5. High level of monitoring and assessment skills to ensure compliance with established standards and objectives in rail grinding activities.
6. Substantial knowledge of rail maintenance strategies and a proven track record of collaboration with internal teams for improved asset performance.
7. Substantial level of mentoring and support skills to aid in the development of junior staff and contribute to organizational goals.

## Pre-employment Checks:

Not Applicable

## Pre-employment Qualifications:

### What qualifications do I need to hold prior to applying for the position?:

20100204 Prof Eng (Qld) Registered  
40010366 G\_Bachelor Engineering

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

40007588 Wunya Induction  
30000908 Safely Access the Rail Corridor (QNRP)  
40001627 Building Emergency Procedures  
40010410 Safety Comes First Always Workshop  
40009729 Delivering a Pre-Start Briefing Network  
40008876 Working in the Electrified Territory  
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

## 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.