



Field Asset Engineer

Position Description

| | | | |
|-------------|-------------------------|-----------|--------------|
| Team: | Asset Engineering - USI | Location: | Christchurch |
| Reports to: | Asset Engineer Upper SI | | |
| Role Type: | Permanent | | |

About Us

KiwiRail’s Role in Aotearoa, New Zealand

KiwiRail, a proud State-Owned Enterprise, delivers sustainable and inclusive growth for our customers, communities, and people.

For more than 150 years, rail in New Zealand has connected communities, delivered freight and passengers around the country, and showcased our spectacular scenery to the world. Our purpose—Hononga Whaikaha, Oranga mo Aotearoa (Stronger Connections, Better New Zealand)—speaks to connection with our customers and the future needs of their businesses, connection with the communities we serve and operate in, and connection with each other. KiwiRail is carrying this legacy into the future, delivering connected rail and shipping transport services that create economic, social, and environmental value for New Zealand and New Zealanders.

Our Workplace

At KiwiRail, our values define the behaviour we expect from everyone. We have a team of over 4500 people, and every connection we make with each other, our union partners, our customers and all our stakeholders must be of the highest standard.



Safety, health, and well-being are our number one priority, ensuring our people return home safe and healthy every day.

About the Role

Purpose of the role

KiwiRail is in a phase of significant transformation to modernise and grow our rail and Interislander ferry services in Aotearoa.

The Field Asset Engineer ensures the integrity and reliability of KiwiRail's track infrastructure by managing asset condition and planning maintenance activities. This role supports the delivery of Asset Management and Business Plans through accurate work planning, technical advice, and compliance with engineering standards. It plays a critical part in maintaining safe, efficient rail operations by conducting inspections, audits, and ensuring accurate asset data in Maximo.

Key Accountabilities

Within the area of responsibility, this role is required to:

- Develop and prioritise work plans aligned with Asset Management and Business objectives.
- Undertake engineering inspections and audits to ensure compliance with codes and standards.
- Prepare and manage work orders, ensuring resources and timelines are clearly defined.
- Maintain accurate asset data in Maximo and generate reports for compliance and performance monitoring.
- Provide technical advice and support to production teams and stakeholders.
- Promote and uphold KiwiRail's Zero Harm principles in all activities.
- Ensure Track, Structures and Civil infrastructure is maintained to the correct code.
- Prioritization of infrastructure maintenance or replacement based on Asset Condition, Criticality of Asset, Company Business plan, Company Asset management plan and infrastructure standards.
- Application of appropriate mitigating measures where infrastructure does not meet code.
- Ensure a 6 years workbank for future renewal prioritisation has been identified.
- Accept /close jobs in Maximo and update database ensuring asset data is current.
- Private Siding Inspections and RSAS Annual Track Inspection
 - Ensure inspection plan are in place and performed
 - Share inspections to private siding/RSAS
 - Request quotes to Production team to repair faults if required
 - Follow up quotes, request PO, engage works through Production team
 - Ensure re-inspections or advise works have been completed
 - Provide required general property enquiries / approvals

Key challenges

- Balancing maintenance priorities with resource constraints and operational demands.
- Ensuring data accuracy and compliance across multiple systems and stakeholders.
- Maintaining high safety standards while working in varied and sometimes remote environments.

| Key Relationships | | Manage /Lead | Deliver to | Collaborate with | Advise or inform |
|--|----------------|--------------|------------|------------------|------------------|
| Here are the key relationships relevant to this role | | | | | |
| — ◀ ▶ ☐ | Asset Engineer | | ✓ | ✓ | ✓ |

| | | | | | |
|----------|--|--|--|---|---|
| | Production Manager and Field Production Teams | | | ✓ | |
| | Track Inspectors | | | ✓ | |
| | Track & Civil Engineering Office | | | ✓ | ✓ |
| | Projects Group | | | | |
| | Zero Harm Team | | | | |
| | Inventory and Plant Team | | | | |
| External | Contractors | | | ✓ | |
| | Local Authorities and service providers | | | ✓ | ✓ |
| | Private siding owners and neighbouring property owners | | | ✓ | ✓ |

What you will do to contribute

| | |
|-------------------------------------|--|
| Health Safety and Wellbeing | <ul style="list-style-type: none"> • Implement safety procedures and ensure team compliance • Analyse workplace risks and develop mitigation strategies • Promote a culture of safety and wellbeing within your team • Respond effectively to safety incidents and near-misses • Support team members' physical and mental health |
| Customer Focus | <ul style="list-style-type: none"> • Provide timely and accurate technical advice to internal teams and external stakeholders. • Build strong relationships with contractors and local authorities to support efficient delivery. • Respond promptly to queries and ensure customer needs are met through effective planning. |
| High Performing Teams Skills | <ul style="list-style-type: none"> • Collaborate effectively with production teams and engineering offices. • Share technical knowledge and support on-the-job learning. • Contribute to a positive team culture focused on safety and performance. |
| Commercial Acumen | <ul style="list-style-type: none"> • Prepare accurate work orders and resource plans to optimise cost and efficiency. • Monitor job milestones and report progress against budgets and timelines. • Support continuous improvement by analysing data and identifying cost-saving opportunities. |
| Role-Specific Competence | <ul style="list-style-type: none"> • Apply engineering standards and codes in all planning and inspection activities. • Use Maximo and other systems to manage asset data and generate compliance reports. • Support audits and reviews to ensure adherence to KiwiRail's asset management framework. |

Decision Making

Example: **The position is accountable for decisions regarding all operational objectives related to train operations and for providing advice to relevant stakeholders on day-to-day operational decisions.**

Key decision-making requirements of the position include:

- Prioritising maintenance activities
- Validating compliance with engineering standards
- Ensuring accurate data entry in Maximo

| | |
|---------------------------------------|-------|
| Human Resources Delegations | Nil / |
| Direct reports | 0 |
| Finance Delegations | \$0 |
| Budget (operating and capital) | 0 |
| Travel Delegations | Nil |
| Statutory powers | Nil |

Physical demands and the nature of work

This role is physically demanding and requires:

- extended periods of standing and walking while performing manual tasks
- regular lifting and carrying of items weighing up to 20 kg independently
- occasional lifting of items up to 45 kg with assistance or equipment
- working in various weather conditions and environments
- exposure to mechanical equipment, electrical systems, vibration and noise
- ability to work in confined spaces and at heights using ladders/lifts
- capability to respond to emergency callouts and work extended shifts
- manual dexterity and hand-eye coordination for operating tools/equipment
- protective equipment usage including safety boots, hard hats, eye/ear protection

Your role may include other tasks suited to your level, as your manager directs. This job description shows your current duties. We'll review and update it with you if your responsibilities change.

About you

Knowledge and experience

- You have experience in job planning, estimating, and civil engineering project management.
- You understand codes, standards, and their application to rail infrastructure.
- You are confident engaging in technical discussions and providing sound advice.
- You are IT literate and experienced in using asset management systems (Maximo preferred).
- You proactively apply safety management standards and processes.

Ways of working / Work-related qualities

- You prioritise safety and act with integrity in all situations.
- You communicate clearly and confidently with diverse audiences.
- You stay calm under pressure and adapt to changing circumstances.
- You collaborate effectively and contribute positively to team outcomes.
- You organise your time efficiently and pay attention to detail.

Other Requirements

- You hold a current and valid NZ driver's licence.
- You can pass regular drug and alcohol screenings.
- You are willing to travel and stay overnight as required.

Qualifications

- You have a tertiary qualification in engineering (BEng, NZCE) or equivalent experience.
- Experience with Maximo and asset management systems is desirable.

**CREATING
STRONGER
CONNECTIONS**

The KiwiRail logo, featuring the word "KiwiRail" in a bold, sans-serif font, followed by a stylized graphic of a kiwi bird's tail feathers.