

**MECHANICAL ENGINEER (Level 1 - Level 3)  
ROLLING STOCK OPERATIONS**

**Purpose:**

The primary purpose of this role is to be responsible for maintenance, repair and servicing of the locomotive and wagon fleet and other associated vehicles in the various depots as required. The primary focus of this role would be to carry out the various maintenance checks as set out in the Rail operating code with the view to improve reliability and availability of the fleet.

This is a hands-on role, working along with other mechanical engineers, locomotive maintainers, Train Examiners and servicing assistants in a team environment, and will involve shift work depending on the depot.

Health and Safety is an important part of how KiwiRail operates. You will be a safety leader and will be expected to “walk the safety talk”.

**Dimensions:**

- Reports to:** Site Leaders/Workshop Manager  
**Location:** Local site/workshop some travel maybe required within regions  
**Internal Contacts:** Supervisors, Team Leaders  
Production & Materials Planners  
Mechanical Engineers  
Trade Assistants  
Apprentices  
Servicing Assistants  
Technicians/ Engineers  
Site HR & HSSE  
HSAT and RMTU delegates  
Audit Teams  
KiwiRail Freight teams  
**External Contacts:** Key Customers & Suppliers  
Auditors/ Regulators (as required)  
RMTU

## **Key Accountabilities**

### **Operational**

- Support the qualified tradesman and Team Leader and assist him with completing all work safely, to the required quality standards and within the allocated time frame
- Under supervision (reduces with experience and training) carry out maintenance and repairs to passenger cars and locomotives and other associated vehicles in accordance with KRM policies, industry and legislative safety rules, codes, procedures and practice. This will include but is not limited to the following activities –
  - Scheduled Maintenance checks
  - Out of course repairs
  - Provisioning and servicing of vehicles
  - Incident recovery and repairs
  - Other maintenance activities as directed
- Carry out shunting and operational duties
- Execute the servicing, maintenance and incident recovery of the assets being managed in a safe, efficient and effective manner as required by the manager/supervisor
- Use sound engineering practices and Safety Standards.
- Carry out routine maintenance work in compliance with the schedule.
- Train operators to use the production equipment in a safe manner, carry out daily checks, lubrications etc.
- Work within the boundaries of your known and recognised competency levels
- Manage documentation professionally within the policy and procedures for record keeping
- Have focus on the security of customers plant and equipment
- Have a clear understanding of scope of the job being executed
- Quality documentation supplied to customers (internal and external)
- Ensure good housekeeping to ensure health and safety of all staff: This will include but is not limited to the following activities; cleaning, other maintenance activities as directed
- Undertake company offered training including OJT, NZQA qualifications and additional courses required to perform role

### **Zero Harm**

- Take all practicable steps to prevent harm to self and others
- Participate in H&S and induction training as requested
- Comply with all HSE legislation, regulation, code of practice, safe operating procedure, best practice relevant to your responsibility.
- Understand your responsibilities as outlined in the HSE Toolkit
- Participate in injury management & rehabilitation processes if injured at work
- Report work-related harm, pain or discomfort immediately
- Report all hazards and accidents immediately
- Knowledge of specific controls for identified site hazard registers.
- Report any emergency and environmental incidents situations to management
- Participate in emergency evacuation / hazardous spills drills
- Maintain H&S knowledge relevant to the position
- Follow all safety instructions and wear Personal Protective Clothing (PPC) & PPE

as appropriate

## **Person Profile**

<b>Essential:</b>	<b>Desirable:</b>
<ul style="list-style-type: none"><li>▪ Prior experience in a mechanical environment, preferably with heavy industry</li><li>▪ Ability to use - mechanical, electrical, hydraulic, pneumatic, safety equipment</li><li>▪ A good understanding of mechanical drawing, electrical &amp; pneumatic circuits and controls interpretation skills</li><li>▪ Verbal and written communication skills</li><li>▪ Ability to work in a team</li><li>▪ Able to follow task instructions</li><li>▪ Basic computer skills (MS Office – Word, Excel and e mail)</li></ul>	<ul style="list-style-type: none"><li>▪</li><li>▪ Previous mechanical related experience</li><li>▪ Knowledge of rail infrastructure codes and standards.</li><li>▪ A good knowledge of relevant Engineering specifications, standards, sound engineering practices.</li><li>▪ Full driver licence (car and/or forklift)</li></ul>

## **Education:**

<b>Essential:</b>	<b>Desirable:</b>
<ul style="list-style-type: none"><li>▪ NCEA Level 1 (80 NZQA credits) which must also include the required literacy and numeracy credits – Maths and English or relevant experience or qualification</li></ul>	<ul style="list-style-type: none"><li>▪ NCEA qualifications</li><li>▪ Welding tickets</li><li>▪ Relevant mechanical NZQA credits</li><li>▪ H&amp;S Qualification</li></ul>