

**Position Title: Apprentice Heavy Vehicle Mechanic**

**Duration: 4 Years**

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### **POSITION OVERVIEW:**

The purpose of an apprenticeship is to provide the individual with the opportunity to develop skills and knowledge in a particular trade through completing on the job training with a host employer and completing an approved course of formal training through a registered training provider such as TAFE.

As an Apprentice Heavy Vehicle Mechanic you will primarily service and repair the mechanical parts of road transport vehicles such as the engine, transmission (clutch, gear box and differential) and the suspension systems.

### **CORE REQUIREMENTS**

To fulfill the training requirements of an Apprenticeship or Traineeship you will;

- Abide by terms and conditions of the Training Contract
- Commit to and complete the RTO endorsed training plan in the time allocated
- Enroll and attend vocational training; complete theory based assessments and demonstrate skills through competency based assessments to the best of your ability
- Comply with legislation relevant to your trade, in particular the Apprenticeship & Traineeship Act and the Work Health & Safety Act
- Complete GTES induction and take WH&S test prior to commencing work

### **EXPERIENCE AND TRAINING**

**Essential Criteria:**

- A willingness to develop skills and knowledge in this trade
- The ability to listen and follow instructions and ask for help when necessary
- The desire to make a positive contribution to the Host Employers workplace by being punctual, interested and adhering to workplace policies and procedures
- Act responsibly and safely in the workplace
- Develop an effective working relationship with your Field Officer through regular communication and participation in field visits
- Fill in timesheets correctly and on time

**Desirable:**

- Understanding of apprenticeship and traineeships
- Work experience in chosen trade

**LINE MANAGEMENT AND REPORTING RELATIONSHIPS**

An Apprentice is employed by GTES and has regular communication with GTES through their Field Officer. In the workplace the Apprentice reports to the Host Employer or supervisor appointed by the Host Employer. An Apprentice must develop effective working relationships with:

- GTES Field Officer
- Host Employer
- Colleagues in the workplace
- TAFE Teachers
- RTO Assessors

**DUTIES AND RESPONSIBILITIES**

- Apply safe working practices

- Carry out diagnostic procedures
- Implement and monitor environmental regulations in the automotive mechanical industry
- Test, service and charge batteries
- Carry out repairs to single electrical circuits
- Remove and install engine assemblies
- Repair cooling systems
- Repair engines and associated engine components
- Repair diesel fuel systems
- Overhaul diesel fuel systems
- Repair and replace emission control systems
- Inspect, service and/or repair clutch assemblies and associated operating system components
- Repair hydraulic braking systems
- Inspect and service air braking systems
- Repair air braking systems
- Repair final drive assemblies
- Repair final drive (driveline)
- Inspect and service steering systems
- Repair suspension systems
- Service LPG fuel systems
- Inspect, service and repair auxiliary braking systems
- Carry out radiator repairs
- Service final drive assemblies
- Inspect and service transmissions (automatic)
- Repair transmissions (automatic)
- Inspect and service transmissions (manual)
- Repair transmissions (manual)
- Repair instruments and warning systems
- Service air conditioning systems
- Repair pumping systems
- Carry out advanced diagnostic procedures
- Remove, inspect, repair and fit tyres and tubes (heavy)
- Identify and fit tyres and rims for specific applications (heavy)
- Carry out manual metal arc welding procedures

- Carry out gas tungsten arc (TIG) welding procedures
- Communicate effectively with others