

Position Description – Motor Mechanic (Heavy Stream)

Full Time (38 hrs a week)

Position Requirements

This apprenticeship is full time and has a 48 month term, with training to be completed on the job.

Duties include:

- diagnose, overhaul, repair, tune, maintain and test diesel and petrol/gas-powered vehicles, including trucks, buses, bulldozers and other earthmoving equipment, tractors, stationary engines (e.g. generators, pumps, compressors and drilling rigs) and agricultural machinery
- detect mechanical and electrical faults by using instruments that check charging and starting circuitry, batteries, ignition and ignition timing, fuel injection systems and speed control, cylinder compression, engine condition, braking efficiency, and wheel balance and alignment
- repair and maintain the hydraulic components of diesel and petrol/gas engines that are used to power attachments such as hoists, booms, scrapers, buckets and augers
- use oxy, electric, TIG and MIG welding, hand fitting or machining processes to replace or repair faulty parts

Personal Requirements

- enjoy practical and manual work
- mechanical aptitude
- good at mathematics
- physically fit
- no skin allergies or reactions to grease, oil or petrol.

General Job Related Information

Heavy vehicle motor mechanics may have to work in country areas when repairing agricultural, earthmoving and heavy transport machinery.