

Position Title: Apprentice Fitter Machinist

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 a Fitter Machinist you will use tools, machines, equipment and engineering techniques to maintain and repair mechanical plant and equipment to operational standards. Work includes identification of defect or worn mechanical components or equipment, repair/replacement of worn/faulty components or equipment, and modifications. Parts may be repaired or manufactured using general application of workshop machines including lathes, milling and drilling machines. Thermal heating and cutting and welding equipment are also utilised.

EXPERIENCE AND TRAINING

Essential Criteria:

- A willingness to develop skills and knowledge in this trade
- A commitment to undertake and complete formal training at TAFE
- The ability to listen and follow instructions and ask for help when necessary
- A willingness to undertake paid employment in chosen trade
- The desire to make a positive contribution in the workplace
- The desire to participate actively in the community in which you live

Desirable:

- Understanding of apprenticeship and traineeships in NSW
- 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 work place 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

- Perform engineering measurement
- Perform computations
- Apply principles of OHS in the work environment
- Plan to undertake a routine task
- Plan a complete activity
- Apply quality systems
- Apply quality procedures
- Organise and communicate information
- Work with others in a manufacturing, engineering or related environment
- Interact with computing technology
- Assist in the delivery of on the job training
- Perform general machining
- Perform lathe operations
- Perform milling operations
- Perform grinding operations
- Perform machining operations using horizontal and/or vertical boring machine
- Interpret technical drawing
- Perform precision mechanical measurement
- Mark off/out (general engineering)
- Use hand tools
- Use power tools/hand held operations
- Use tools for precision work
- Maintain and overhaul mechanical equipment
- Perform fault diagnostics, install and remove bearings
- Repair and fit engineering components
- Maintain and repair mechanical drives and mechanical transmissions
- Balance equipment
- Perform levelling & alignment of machines & engineering components
- Shut down & isolate machines/equipment
- Perform installation & removal of mechanical seals
- Perform gland packing
- Perform manual heating thermal cutting
- Undertake manual handling