

Just the Job Information Sheet

Job title Mechanical Engineer

Job description Depending on the engineering workshop a variety of practical skills can be called upon, using tooling, machinery and equipment ranging from basic hand tools to sophisticated CNC lathes/work centres. Utilising the expertise of engineering skills a wide range of industry sectors are covered, from manufacturing businesses including food, beverages, textiles, print, forestry/wood to name a few. Tasks of repair, maintenance, for production plant/machinery/equipment from a variety of power sources can be called upon. Industries may also require the design and machining, welding, fitting/assembly, installation, and modification working within fine tolerances to achieve customer's requests.

Attributes

- Mechanical reasoning / problem solving
- Practical aptitude
- Physically fit
- Team player

- Initiative **Qualifications required** There are no mandatory qualifications required to begin an engineering apprenticeship a number of qualities are taken into consideration. Demonstrate and/or knowledge of good learning techniques to achieve a practical and academic outcome is advantageous. **General requirements** Prepared to invest personal time into learning and study. Commitment to four years training. Good

communication skills both written and verbal. **Training costs** Under the ATNZ model the apprentices have minimal training costs – apprentices earn as they learn. **Career path** After becoming qualified to Level Four, Level Five is available. Additional education is open for those wishing to pursue further academic qualifications through Level 6 Engineering Diplomas and Engineering Degrees. Career pathways can lead into self-employment and own business opportunities. **Salary range** After becoming qualified a tradesperson can begin on \$45 000 plus. There is no limitation to the range, as it depends on the industry, person's capacity and capability.

How to increase the chances of successfully entering this industry

- Good schooling reports and exam results
 - Practical school subjects eg Metalwork
 - Mechanical engineering hobbies/interests
 - Attending and successfully completing Mechanical Engineering Level Two courses
- Other places to source information about this job**