

Fitting and Machining (Mechanical Engineering Trade) Apprenticeship

Butler Engineering is seeking applicants for a fitting and machining apprenticeship.

Butler Engineering is well known in the district as a premium training ground for tradespersons and we have been recognised by awards for our commitment to work experience programs.

Fitting and machining is a rewarding trade that results in a broad knowledge base from mechanical operation and fitting through to computer programming for metal machinery and computer aided drafting (CAD).

The trade at Butler Engineering is focussed on machining of high precision parts from a range of materials.

We manufacture industrial spare parts for the food industry, robotics, defence prototypes, mining, extrusion, and general industrial machinery.

If you have an interest in how mechanical machines work, while still needing to get involved in the hands on work to make things happen, you will enjoy this trade.

People working as Fitter Machinists will be those who:

- Enjoy technical work
- Have an attention to detail
- Are physically fit
- Have good hand-eye co-ordination
- Are able to work as part of a team
- Have a sound practical ability

On completion of the apprenticeship the tradesperson will be competent in the following areas:

- Operation and setup of manual lathes and mills to manufacture highly tolerance parts
- Examine detailed engineering drawings or specifications to find out material, equipment and process requirements.
- Safe use and maintenance of specialised tooling.
- Use and care of precision measuring equipment.
- Manufacturing custom tooling to perform a particular task.
- Safe use and operation of power tools and hand tools.
- Operation and setup of surface grinders,
- MIG and stick welding with basic competence in TIG welding
- Oxy-Acetylene heating and cutting
- Operation of CNC lathes, mills, Wire EDM's, EDM Drills.
- Dismantle and fault find tools and machinery.
- Check accuracy and quality of machined components

This apprenticeship will give you a sound foundation for continued progression in many different areas including.

- CNC Programming and setup
- Welding
- Gear Cutting
- Hydraulics
- Pneumatics
- CAD drafting
- Mechanical engineering
- OH&S
- Management and supervision
- Quality control

Have a look at our website to view some photos of the work we do!

Please apply in writing by email to pete@butlereng.com.au or post to the address below.

The successful applicant will pass a mechanical aptitude and basic maths skills test.

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