

WHY NOT TRY...

ENGINEERING

What do Tradespeople in Engineering-Mechanical do?

Engineering Tradespeople assist with the design, manufacture, construction, operation and maintenance of machines, manufacturing equipment, mechanical installations and facilities.

Engineering Tradespeople may work in production plants, in offices and outdoors when involved in construction projects.

Engineering-Mechanical covers the following trades:

- > Fitter/Machinist
- > Maintenance Fitter
- > Toolmaker

Fitter/Machinists shape steel and other materials using a variety of manual, automated and computer- controlled machines such as drills, lathes, grinders and milling machines. They use hand and power tools and precision measuring instruments to manufacture, assemble, fit and repair parts and machinery.

Maintenance Fitters mainly install and maintain equipment and machinery and use hand and power tools and precision measuring instruments to fit and repair parts. They are multiskilled, working with mechanical, hydraulic and pneumatic systems and electrical interfaces. They are trained to use a variety of drills, lathes, grinders and milling machines and have welding experience.

Toolmakers make precision equipment and tools used to manufacture machinery. They use precision measuring equipment and may use CNC machines and computer aided manufacturing (CAM) systems to achieve very precise finishes and sizes. Any company manufacturing pressed, cast metal or plastic items require the services of a toolmaker, although the toolmaking work is often carried out off-site at specialist companies.

How do I become a Tradesperson in Engineering-Mechanical?

To become a Tradesperson in Engineering-Mechanical you need to complete and apprenticeship in Engineering – Mechanical Trade. There are no formal academic requirements, however year 10 schooling is generally considered a minimum.

Qualifying as a Tradesperson in Engineering-Mechanical involves:

- > Four years commitment
- > Attending paid work with a “host employer” for the duration of the apprenticeship
- > Attending off-the-job training at an RTO

Ideal personal requirements to be an Engineering Tradesperson include:

- > Enjoy technical and engineering activities
- > Able to identify, analyse and solve problems
- > Good oral and written communication skills
- > Enjoy computing and technical design
- > Practical and creativity
- > Able to work independently or as part of a team



How can I do an apprenticeship? Talk to your local RSW representative.

email: info@readysetwork.com.au
phone: 1800 819 747 (free call from landlines)

Sources include
www.jobguide.thegoodguides.com.au