

ARTICLE
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Mechanical Fitters – a role in demand

Mechanical fitters have been in demand for several years, with the pressure for more mechanical fitters expected to grow across industries. Mechanical fitters play a vital role in keeping the plant running as they maintain, repair, and overhaul machinery and equipment and, as such, have long-term prospects.

To summarise, mechanical fitters fit and assemble metal parts to fabricate production machines and other equipment. Using various tools and engineering techniques, they maintain and repair plant machinery and equipment to operational standards. In short, essential skills for a mechanical fitter include:

- Mechanical aptitude
- Practical ability
- Thoroughness
- Initiative
- Attention to detail
- Ability to read and interpret work instructions
- Ability to work effectively in a team

Mechanical fitting can involve different roles, including:

- **Fitting and turning** include constructing, fitting, and assembling equipment components. Tools used include hand tools and machines to produce metal pieces.
- **Pipefitting** involves attaching pipes to fixtures, walls, and structures such as radiators or tanks. A mechanical fitter uses brackets, welding tools, and clamps to fit the lines.
- **Maintenance fitting** focuses on equipment maintenance. It involves locating defective and worn parts that need replacement or modifications. A mechanical fitter uses measuring instruments to find components that fit and replace worn-out parts.

Specialisations are available for mechanical fitters and can include:

- Diesel fitter-mechanic
- Fitter-Machinist
- Fitter-Mechanic
- Maintenance Fitter
- Mechanic
- Plant Mechanic

Being a mechanical fitter can be challenging but rewarding. It often consists of a demanding routine where most work revolves around physical exertion and technical skill. It is a role that requires both strength and physical labour, as well as an intellectual capacity to design and interpret designs.

At Triple i, we have a team of mechanical fitters and fabricators working on small and big projects. Our dedicated team's technical expertise required to assemble complex equipment is central to the success of our mechanical construction department.

For more information, contact us today! www.triplei.com.au/mechanical-construction/

About Triple i

Triple i delivers outcomes for all your control, data, electrical, instrument, and mechanical needs with over thirty-five years of experience. We supply a range of technology-based projects, consultancy, maintenance, and support services in the industrial sector. With over seventy-five skilled employees, Triple i provides the best products and services, with integrated solutions designed for clients' needs.

