

Mechanical Fitting Apprenticeship

FACT SHEET

As a Mechanical Fitting Apprentice, you'll learn how to pull things apart, figure out what's gone wrong, and get them working again. You'll be trained to maintain, repair and rebuild the big machines that keep Woodside's process plant running - from engines and pumps to turbines and valves. This equipment is essential to producing the energy that powers homes, businesses, and industries around the world.

Where will you be working?

You'll start your training at Woodside's Production Training Academy, located at the Karratha Gas Plant. This is where you'll build a solid foundation - learning how the LNG (liquefied natural gas) process works and picking up key industry and site knowledge.

After a couple of months, you'll move onto site and join one of Woodside's maintenance teams at their Burrup production facilities. You'll work alongside qualified tradespeople, getting real-world experience and learning on the job.

Later in your apprenticeship, you may also spend time with other companies to broaden your experience and grow your skills across different workplaces.

What equipment will you be working on?

As a Mechanical Fitting Apprentice, you'll work on a wide range of mechanical equipment that is critical to how the plant runs. These include:

- **Gas Turbines** - used to drive generators, compressors, and run various power systems across the plant.
- **Compressors** - used to increase the pressure of gases as they move through the process. You'll assist in inspections, maintenance, and servicing tasks.
- **Electric Motors** - used to power equipment like fans, pulleys, and pumps. You'll learn to dismantle, inspect, and reassemble motors while ensuring correct alignment and coupling.
- **Diesel Engines** - used to operate backup systems such as emergency generators and fire water pumps.



- **Hydraulic Systems** - these provide controlled force to operate cranes, actuators, and valve systems. You'll gain experience maintaining components like pumps, cylinders, and valves.
- **Piping and Valves** - carry and control the flow of liquids and gases throughout the plant. You'll be involved in tasks like removing, inspecting, maintaining and reinstalling pipework and valves.
- **Pumps** - these move fluids between process units. You'll learn how to strip, inspect, and reassemble pumps, and perform alignments and performance checks.

What types of tools and machines will you use?

As a Mechanical Fitting Apprentice, you'll learn to use a wide range of tools and equipment, including:

- **Hand & Power Tools** - spanners, ratchets, sockets, screwdrivers, hammers, hacksaws, pliers — all the essential tools of the trade.
- **Fitting & Fabrication Tools** - punches, chisels, files, oil stones, dies, pipe wrenches, and pry bars - used for shaping, adjusting and assembling parts.
- **Measuring Tools** - micrometers, rulers, tape measures, vernier callipers, dial indicators, gauges and laser alignment tools - helping you check dimensions and ensure precision.
- **Machinery** - Lathes, milling machines, drills, grinders and welders - used for cutting, shaping and joining metal components.
- **Lifting & Access Equipment** Forklifts, overhead cranes, elevated work platforms (EWPs), hoists and hydraulic rams - to safely move and access heavy gear.



What training will be provided?

Over the four-year apprenticeship, you will complete:

- Comprehensive onboarding and ongoing technical training at Woodside Energy's Training Academy
- Regular training and assessment at North Regional TAFE, leading to the successful completion of the Certificate III in Engineering (Mechanical Trade)
- Additional training in safety and industry-related modules, such as:
 - Forklift operation
 - Dogging
 - Elevated Work Platforms (EWP)
 - Confined Space Entry
 - Working at Heights
 - Basic Firefighting
 - And more, as required for site work

What do you need to apply?

To be eligible for the Mechanical Fitting Apprenticeship, you should have:

- Successful completion of Year 12 (or equivalent age level)
- A strong willingness to learn
- A desire to grow and develop a career in the mechanical trade
- The ability to work well in a team
- Sound technical and problem-solving skills
- Mechanical aptitude / interest
- A good level of physical fitness and a commitment to health and wellbeing

You don't need previous experience - just the right mindset and a genuine interest in developing a trade career.

About Woodside Energy

Woodside Energy is a global energy company, founded in Australia with a spirit of innovation and determination. They provide the energy the world needs to heat and cool homes, keep lights on, and enable industry.

Woodside led the development of the LNG industry in Australia. Today, Woodside aims to thrive through the global energy transition.

Woodside's success is driven by its people, and they aim to attract, develop and retain a diverse high-performing workforce. Their proven track record and distinctive capabilities are underpinned by more than 65 years of experience, making Woodside an employer and partner of choice.

These apprenticeships are delivered in collaboration with **Programmed**, a Group Training Organisation and recognised leader in apprentice employment and support.

As your legal employer, Programmed is with you every step of the way. You'll have a dedicated Training Coordinator who provides regular check-ins, mentoring, and support to help you succeed - both on the tools, with your studies and in your career.

We're more than just your employer - we're here to back you, guide you, and help you grow into a confident, capable tradesperson.

For more information and to apply, visit programmed.com.au/woodside