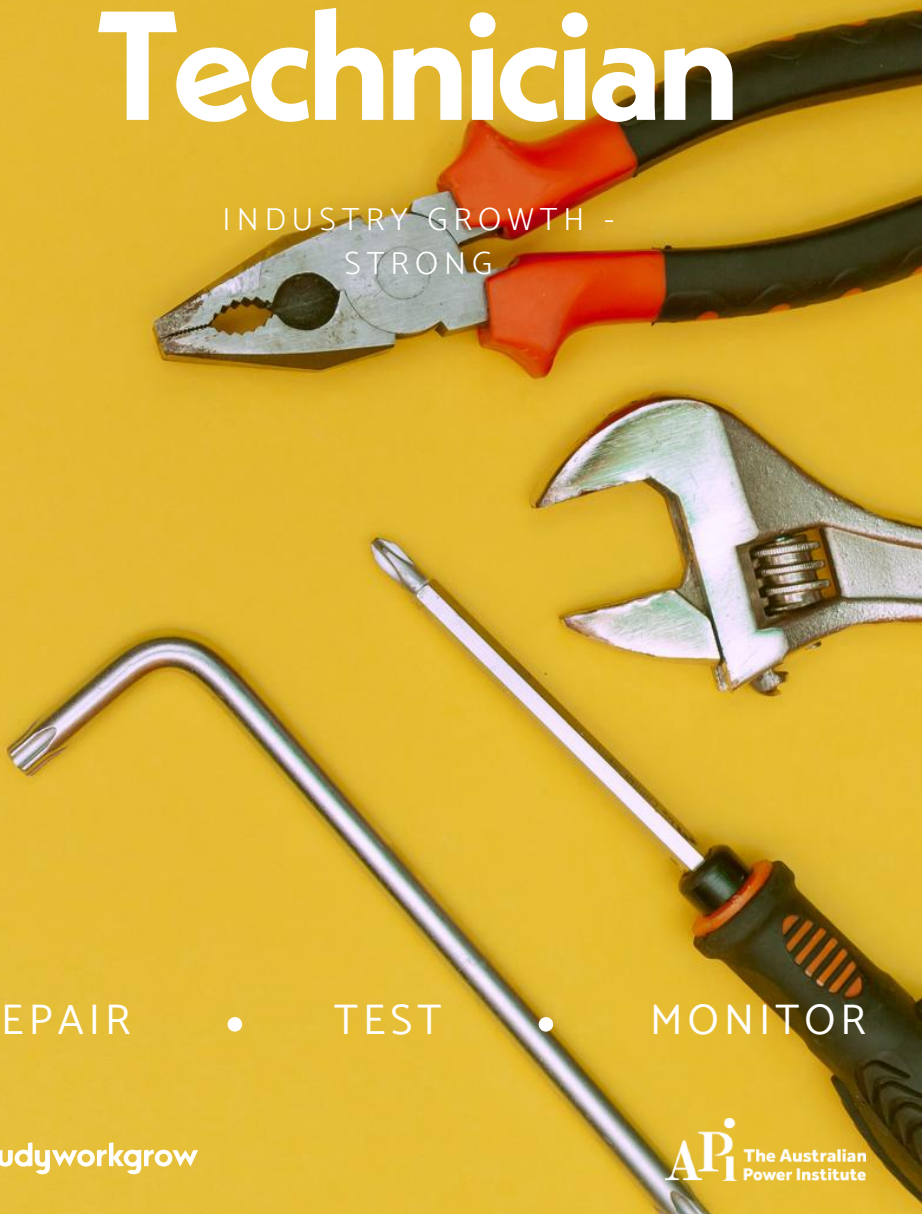
JOB SPOTLIGHT

Maintenance Technician

INDUSTRY GROWTH - STRONG



REPAIR • TEST • MONITOR

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The Australian Power Institute

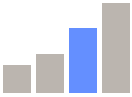
Maintenance Technician

Keep power systems online

Maintenance Technicians in the power industry are responsible for inspecting, repairing, and maintaining various equipment such as generators, transformers, circuit breakers, and power lines. They perform routine checks to identify potential issues before they become major problems, and respond quickly to faults or emergencies to restore power.

Do you love fixing things, have a knack for technology, and want a hands-on career? This might be the perfect job for you.

Growth



Strong

Salary

Average

Field Size

Small

Hours

Average

Interest Area

Mechanical Systems

Cluster

Maker

About you

Hands-on & dextrous
Strong technical skills
Safety-conscious
Excellent attention to detail
Great communicator
Adaptable & resilient
Good time management
Physically fit

Common tasks

- Inspect systems & equipment regularly
- Repair & replace faulty components
- Perform preventive maintenance
- Troubleshoot faults & outages
- Test & calibrate instruments
- Maintain safety protocols
- Document maintenance activities
- Stay updated on industry regulations

About the role

As a Maintenance Technician, most of your work will be done directly on site. There is a fair amount of physical work involved, so you'll need to be comfortable with working on your feet for long hours.

You can expect to earn an average salary throughout your career.

Most Maintenance Technicians work full-time, and because of the nature of the job, shift work is common. You might also need to be on-call any time of the day or night to respond to urgent faults, including on weekends and holidays.

Maintenance Technicians are typically found in these industries:

- Electricity, Gas, Water & Waste
- Construction
- Manufacturing

Things you can do now

1. Focus on English, Maths, and Sciences at high school
2. Find work experience or volunteer in a relevant industry
3. Build skills through short courses and hands-on work
4. Research qualifications and requirements
5. Talk to a Maintenance Technician to see what their work is like

Future study ideas

To work as a Maintenance Technician, you will need to earn a Certificate IV in Electrical Equipment and Systems or similar. This is typically done as part of an apprenticeship, where you'll learn on-the-job skills while you study.

There are also other licenses and safety qualifications you must obtain as well, particularly regarding working with live electricity. Ongoing training is also necessary as technology in the power industry continually evolves.

What next?

If you're interested in engineering, mechanics, or trades, there are lots of other job areas you might like to consider as well, such as:

- Telecomms
- Utilities
- Manufacturing
- Transport
- Robotics
- Construction
- Automotive
- Sanitation

Join robotics or electronics clubs at school to start learning how to build and troubleshoot electrical and mechanical systems.

Look for work experience at local utility companies or manufacturing plants to get real-world exposure and start making connections.

I think that power engineering is an amazing way to use technical skills to drive massive global positive change.

ESANDI KALUGALAGE
ELECTRICAL ENGINEER

Find out more about Power Careers

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