

# Apprenticeship opportunities

More than 30 000 lightning strikes every year and torrential rain in the north, heat that can take the paint off cars in the south and plenty of tough country in between. There's no doubt we deliver power, water and sewerage services to Territorians in some of the harshest conditions on the planet. Just as well we have a lot of good people working for us, about 1 000 of them.

Power and Water and Group Training NT recruit apprentices each year in September and October with new apprentices starting work with Power and Water the following January. With an annual intake of about 12 apprentices, there are plenty of apprenticeship opportunities. Apprentices are required to have completed Year 10 Maths and English.

## How to become a Power and Water apprentice

Apprenticeship opportunities will be advertised in the careers section of NT News by Group Training NT around September/October each year.

Keep an eye out for the advertisement or contact Group Training NT direct on 08 8941 2112.

In 2012, Power and Water expects to host apprentices in a number of trades - the disciplines advertised will depend on business needs at that time:

- Electrical
- Electrical Line Worker
- Instrumentation
- Communications
- Mechanical Fitter
- Plumbing
- Cable Jointers

## We're looking for people

- Who have a positive and flexible approach to work
- Who are mature enough to work in our safety – conscious team environment
- Who are physically fit
- Who hold a current drivers licence or be able to obtain one when you turn 18

## Conditions of employment

Power and Water boast some of the best conditions of service for apprentices including:

- Salary for apprentices under 21: ISSA Allowance
 

1st year:	\$21 168	+	\$2 060
2nd year:	\$26 460	+	\$2 575
3rd year:	\$37 044	+	\$3 605
4th year:	\$44 982	+	\$4 375
- Plus incentives for tools to get them started in their trade
- Plus allowances for meals, tools, travel, call out and extra duty allowances
- Apprentices over 21 years of age: Salary of \$52 920 plus allowances

# About Power and Water Apprenticeships

## Electrical

Electrical apprentices need to have good hand-eye coordination, be practical and able to do precise and detailed work.

They will also have to work as part of a team, be physically fit, enjoy mathematics and have good communication skills and will perform a range of tasks including:

- Locating and repairing electrical malfunctions;
- Installing and fault finding electrical control systems;
- Connecting electrical apparatus such as switches; and
- Working with generators and circuit breakers.

## Line Workers

Line worker apprentices need to enjoy working outdoors, using their hands and be able to work at heights.

They also have to be physically fit, good at maths, able to work as part of a team, have good communication skills and perform a range of tasks including:

- Installing and maintaining power poles, street lights, transformers and circuit breakers
- Trimming tree branches clear of power lines; and
- Adjusting tension of cables and perform emergency repairs such as isolating live wires.

## Instrumentation

People who undertake an apprenticeship in Instrumentation normally have prior training in electrical work, because their role is more technical. They will perform a range of tasks including:

- Installing and servicing control systems equipment and identifying faults
- Installing computer control systems and identifying faults; and
- Install and maintain sensing transmitters such as pressure, temperature and level.

## Plumbing

Plumbing apprentices need to be prepared to work outdoors in confined spaces such as trenches, valve chambers and pump stations, and perform a range of tasks including:

- Repairing and replacing of broken pipes
- Installing and maintaining water supply and sewerage systems
- Carrying out leak investigations and repairs to pipes in a wide range of sizes and materials
- Carrying out sewerage investigations to ensure gravity, pumping and vacuum systems are operating efficiently; and
- Performing basic water quality tests.

## Mechanical Fitter

Mechanical apprentices need to enjoy practical and manual work, be good at maths and be physically fit and will perform a range of tasks including:

- Testing and maintaining diesel and gas powered equipment
- Detecting mechanical and electrical faults; and
- Welding, machining and hand fitting processes to repair parts.

## Communications

Communications apprentices work in a variety of situations, one day you are at the top of a mountain replacing equipment damaged during last night's lightning storm, the next you are sitting at a workbench doing some intricate repairs to a fibre optic module.

They also have to enjoy working with the latest telecommunications technology, be logical thinkers, enjoy technical challenges, good at maths and science, able to work as part of a team, have good communication skills and perform a range of tasks including:

- Installing, testing and maintaining communications equipment in a variety of locations throughout the NT
- Joining and testing fibre optic cables
- Installing and testing solar panels and battery installations; and
- Testing antennas and commissioning microwave radio systems

## Cable Jointers

Like line workers, cable jointers need to enjoy working outdoors and using their hands and tools. They also need to be reasonably fit, good at maths, be able to work as part of a team and have good communication skills.

Tasks include safely installing, testing and repairing underground low and high voltage cables in trenches, terminating cables and interpreting drawings.

## What do I need?

Want to find out if you would qualify for an electrical or instrumentation apprenticeship? Test your aptitude with the pre apprenticeship self assessment tool at [www.ee-oz.com.au](http://www.ee-oz.com.au)

Take the test as many times as you like!

## More information

For more information about our Apprenticeship Program please call 08 8995 5850 or go to: [powerwater.com.au/employment/career\\_opportunities](http://powerwater.com.au/employment/career_opportunities)