

# Electrical Apprenticeship

Formed in 1914, Gladstone Ports Corporation (GPC) has been a vital part of the Gladstone community for more than a century, and the epicentre for Queensland's economic growth. We are a Company Government Owned Corporation (GOC), responsible for the import or raw material and the export of finished product associated with major industries in the Central Queensland region. GPC manages and operates three Port precincts - the Port of Gladstone, Port Alma Shipping Terminal and Port of Bundaberg. GPC identifies that our employees are critical to our success, employing approximately 750 people to perform a variety of management, trade, technical and administrative duties across our three Port precincts.

GPC owns and maintains a range of key cargo handling assets requiring installation, maintenance, testing and repair of electrical and control system components.

A dedicated maintenance team is responsible for conducting routine inspections, breakdown, preventative maintenance, troubleshooting faults and general electrical overhauls on these assets to ensure reliability and availability for operations.

GPC provides outstanding employment outcomes for our apprentices and trainees through competitive working arrangements that deliver benefits to all involved.

## QUALIFICATION

Certificate III in Engineering -  
Electrical Trade - Electrotechnology

Our apprentices undertake a structured learning program to enhance their skills and knowledge, improving their future and ours.

## Trade overview

Electricians use a wide range of testing and diagnostic tools and techniques to diagnose faults, maintain and repair electrical wiring and instrumentation to Qld Electrical licencing standards. Work includes electrical fault finding and troubleshooting, repair and replacement of worn and faulty electrical or electronic components and plant modifications.

GPC Electricians are predominantly field-based and mainly fault-find, install, repair and maintain electrical and control systems components associated with the coal unloading and loading plant and equipment.

The main equipment worked on includes electrical motors, transformers, switchboards, programmable logical controllers (PLCs), variable frequency drives, instrumentation, transmitters and other electrical components.

## Common tasks

- Diagnose, test, overhaul, repair and maintain electrical systems on conveyors, train unloading systems, high voltage up to 11kv, variable frequency drives (VFD), programmable logical controllers (PLC), SCADA, conveyor trippers and ship-loaders
- Fault find, test, calibrate, repair and rectify sensors, transmitters and final control elements on instrumentation systems and equipment and complex electrical circuits
- Terminate signal and data cables on analog and digital electronic equipment
- Tag-out and lock-out electrical circuits within designated isolation systems and processes.

## What makes a good Electrician?

- Ability to work safely
- Follow procedures and instructions
- Enjoy manual and practical work
- Good hand-eye coordination and be able to complete precise work
- Have excellent aptitude for fault finding
- Ability to solve problems including logical and methodical processed
- Fit to cope with the physical demands of the job and pass a colour-blind test.

In order to become an Electrician you must complete an apprenticeship in Engineering - Electrical Trade (Electrotechnology). An Electrical apprenticeship usually takes four years to complete and you must pass an assessment by the Qld Electrical Licencing Board in conjunction with a Registered Training Organisation (RTO).

## Applying for a career with GPC

### AGREEMENT WITH GPC

As an apprentice, you enter into a formal training contract with GPC, managed through MRAEL.

You will spend most of your time working and learning practical skills on the job, however, some time will be spent undertaking structured block-release training.

Trainers will assess your skills and when you are competent in all areas, you will be awarded a nationally-recognised qualification. The Qld Electrical Licencing Board will also issue you a Qld Electrical Licence as an Electrical Fitter Mechanic once you pass a board assessment.

### WHAT WE LOOK FOR

As a GPC Apprentice you will need to provide us similar examples and prove to us you have the capability to:

- Work safely in a heavy industrial environment
- Possess good communication skills both written and verbal
- Be motivated to learn and develop new skills
- Work constructively in a team.

There recruitment process may include aptitude testing, assessment centre participation, work assessments, interviews, medicals and/or reference checks. To improve your chances of gaining an apprenticeship, you can learn some basic skills through pre-apprenticeship courses or structured work placements through your school.

### MINIMUM REQUIREMENTS

You must have completed Year 10 with Sound Achievement or higher in English, Maths and Science to be successful for an apprenticeship at GPC. Preference will be given to candidates successfully completing senior studies with High Achievement or higher in Maths, Science and Physics.

### ANNUAL INTAKE

GPC recruits annually for apprentices and trainees across a number of trade areas. Advertising is conducted over a number of weeks in July each year with applications closing in late July.

### OUR COMPETITIVE ADVANTAGE

All apprentices participate in the Apprentice Port Trust Scheme where a nominal payment is deposited weekly into a trust fund over the term of their apprenticeship that can be accessed at the completion of the apprenticeship as a lump sum payment.

### APPRENTICE AWARDS

GPC has an apprentice/trainee award scheme which includes four key elements:

- Apprentice/Trainee of the Year
- Performance Management
- Training and Development
- Mentoring.

### HOW TO APPLY

Visit GPC's website at [www.gpcl.com.au/careers](http://www.gpcl.com.au/careers)

Please ensure you have the following documents available when you submit your application:

- Cover Letter
- Copies of current school results (if applicable)
- Copies of relevant TAFE accredited certificates
- Copies of relevant qualifications
- Drivers licence (if applicable)
- Resume.

### OUR APPRENTICE BENEFITS

GPC prides itself on being an outstanding local employer in the Central Queensland region, offering excellent conditions. Our employment conditions are competitive and include:

- Above award apprentice wages
- Annual wage increases upon satisfactory completion of training
- Tools of trade – tool kit upon successful completion of probation period
- All training costs are covered by GPC eg. books, enrolment and tuition fees
- Safety uniform issued on a fair wear and tear basis
- A dedicated superannuation scheme, including salary sacrificing
- Health and safety awareness training and initiatives.

### MORE INFORMATION

For more information about a career opportunity with GPC, contact our Recruitment Team on:

P: (07) 4976 1686  
E: [careers@gpcl.com.au](mailto:careers@gpcl.com.au)