



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 four Port precincts - the Port of Gladstone, Port Alma Shipping Terminal, Port of Bundaberg and Port of Maryborough. 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.

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.

TRADE OVERVIEW

GPC is committed to providing its apprentices with the skills and knowledge that they need to succeed in their chosen careers.

By obtaining these formal qualifications and licenses, the apprentices will be more competitive and successful in their careers.

Qualification

Certificate III in Engineering -
Electrical Trade -
Electrotechnology

At GPC, our electricians are responsible for diagnosing and maintaining electrical wiring to meet the Queensland Electrical Licensing standards. Our team uses a wide range of diagnostic tools and techniques to troubleshoot and repair faults in electrical systems, including replacement of worn or faulty electrical and electronic components. As a field-based technician, you'll primarily focus on fault-finding, installing, repairing and maintaining electrical control systems components associated with coal unloading and loading plant and equipment, including ship loaders, coal dump stations. Lighting towers and conveyors. This role involves working with a variety of equipment such as electrical motors, transformers, switchboards, programmable logical controllers (PLC's), variable frequency drives, instrumentation, transmitters, and other electrical components.

COMMON TASKS

- Diagnosing and testing electrical faults using advanced electronic testing equipment and software
- Reviewing wiring diagrams and schematics to determine installation sequences and methods of operation
- Overhauling, repairing, and maintaining 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.
- Troubleshooting, testing, calibrating, repairing, and rectifying sensors, transmitters, and final control elements on instrumentation systems, equipment, and complex electrical circuits.

WHAT MAKES A GOOD ELECTRICIAN?

- Conducting oneself with honesty, integrity and professionalism treating everyone with respect & courtesy
- Prioritising safety at all times, including following appropriate safe work instructions & safety procedures, wearing appropriate PPE, and reporting any safety concerns to supervisors
- Proficiency in mathematics and good communications skills, both written and verbal
- Physical stamina is required to work in uncomfortable positions, plus the ability to pass a colour-blind test.
- Dedication to achieving excellence and careful handling of costly and complex equipment is important
- Hand-eye coordination to complete precise work
- Maintaining the highest standards of workmanship and quality in all aspects of the job, with a focus on attention to detail and careful handling of equipment
- Willingness to learn and continuously improving knowledge, skills and staying up-to-date with new technologies and techniques in the field

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

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 (07) 4976 1686 or careers@gpcl.com.au

