

ELECTRICIAN

Position Level: L5

Location: Dampier

Effective Date: October 2026

Responsibilities

Electricians are part of the maintenance team responsible for planned & breakdown maintenance of infrastructure at Pilbara Ports Authority (Pilbara Ports).

Reporting

The Electrician reports to the Electrical Supervisor.

Accountabilities

Result Area	Major Activities
1. Safety and People:	• Further a safe, inclusive, and collaborative workplace, that supports the mental health and wellbeing of self, and others. • Identify actions and changes that lead to Pilbara Ports continually improving its safe work environment; both physically and psychologically.
2. Integrated Management Systems:	• Assist in the development of systems that ensure PPA complies with all applicable codes, as well as its legal and statutory requirements. • Comply with and demonstrate a positive commitment to organisational processes and ISO Management Systems including Quality, Environment, Safety and Information Security.
3. Electrical Maintenance:	• Maintain the Port's High Voltage and Low Voltage systems. • Undertake preventative maintenance, electrical repairs and improvement programs as scheduled. • Ability to scope jobs including ordering parts/materials and estimating hours. • Monitor third party contractors for maintenance, minor modifications and minor projects relevant to this trade position. • Provide task supervision for any trades assistants and trainees/apprentices. • Undertake asset inspections. • Provide input into the Computerised Maintenance Management System as required by the Electrical Supervisor. • Complete associated paperwork required to ensure compliance to regulation, standards or Pilbara Ports procedures.
4. Instrumentation & Automation Maintenance:	• Maintain the Port's PLC and SCADA systems. • Maintain the Port's instrumentation and controls systems. • Ensure record keeping of installed IT/Automation field equipment (CCTV, EACS)
5. Other Duties:	• Other duties as requested by the Electrical Supervisor

Selection Criteria

Essential Qualifications:

- A West Australian electrical licence is required for this position.
- HV Switching Experience or the ability to gain a HV Operators license (this can be obtained following employment) is a requirement for this position.

Beneficial Qualifications and Competencies:

The following qualifications, or ability to gain the following qualifications would be beneficial:

- Open Cablers Licence with Structured, Coax and Fibre Optic endorsements.
- Industrial Automation qualifications and experience with the maintenance of; Schneider Quantum and Modicon PLCs; Ethernet TCP/IP Protocol; Citect SCADA systems; Process diagnostics; Fibre optic diagnostics and repairs; Sensor and instrumentation operations.
- Qualification in the Selection, Installation and maintenance of Electrical Equipment in Hazardous Areas.
- High Risk Work Licenses (LF, WP) as well as Working at Heights.

Personal Attributes:

- Demonstrated commitment to promoting a safe working environment.
- Exhibit behaviours that align with PPA's values of Excellence, Respect, Integrity, Care and Courage.
- Demonstrated commitment to an inclusive work culture that encourages diversity.
- Positive team player who is happy to help others.
- Enjoy working in a dynamic environment where priorities and deadlines may change.

Work Related Requirements:

- Ability to read and understand electrical plans.
 - Demonstrated experience coordinating electrical maintenance within a complex industrial setting.
 - Well-developed written and verbal communication skills with the ability to liaise appropriately with internal and external stakeholders.
 - Demonstrated time management and organisational skills with the ability to meet deadlines.
 - Ability to become a registered nominee for PPA in-house electrical installing works licences.
 - Ability to work at heights, over water and in confined spaces.
 - Ability to utilise computer programs including Computerised Maintenance Management Systems (CMMS) and Microsoft Office Suite.
- Ability to undertake work related travel (overnight(s) to maintain infrastructure at other locations as required.

Sound computing skills, as well as the ability to gain a Maritime Security Identification Card, and WA "C" class Driver's License are prerequisites for this position.