

ELECTRICIAN

Position Level: L5

Location: Port Hedland

Effective Date: June 2024

Responsibilities

Electricians are part of the terminal operations team responsible for planned & breakdown maintenance of infrastructure at Pilbara Ports.

Reporting

The Electrician reports to the Electrical Supervisor.

Accountabilities

Result Area	Major Activities
1. Safety and People:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • Develop and oversee the systems that ensure Pilbara Ports 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:	<ul style="list-style-type: none"> • Maintain the Port's High Voltage & Low Voltage systems. • Undertake preventative maintenance, electrical repairs and improvement programs as scheduled. • Monitor third party contractors for maintenance, minor modifications and minor projects relevant to this trade position. • Provide task supervision for trades assistants, apprentices and trainees as requested. • 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:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • Other duties as requested by the Electrical Supervisor or Port Manager.

Selection Criteria

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.
- Open Cablers Licence with Structured, Coax and Fibre Optic endorsements would be beneficial.
- 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; would be beneficial.
- Qualification in the Selection, Installation and maintenance of Electrical Equipment in Hazardous Areas would be beneficial.

Personal Attributes:

- Exhibit behaviours that align with Pilbara Ports' values of Safety, Excellence, Teamwork, Integrity, and Care.
- Demonstrated commitment to an inclusive work culture that encourages diversity.
- Demonstrated commitment to promoting a safe working environment.
- 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 Pilbara Ports 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.

Sound computing skills, as well as the ability to gain a Maritime Security Identification Card, and WA Driver's License are prerequisites for positions with Pilbara Ports.