



## **POSITION DESCRIPTION**

### **Electrician**

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### Job Title – Shift Electrician

<b>Position Status</b>	<b>Full Time</b>
<b>Reporting Manager</b>	<b>Lead Electrician</b>
<b>Department</b>	<b>Site – St Elmo Mine</b>
<b>Reporting to this position</b>	<b>Nil</b>

### Job Context

Multicom Resources Limited is on a mission to bring high purity critical minerals to the world and become a reliable supplier for global technology manufacturers.

Multicom Resources Limited (Multicom) is a Queensland based exploration and mining company focused on the discovery and exploration of world class mineral deposits, including the Saint Elmo Project, making vanadium and high purity alumina a valuable resource.

Multicom is currently progressing the construction of its Saint Elmo Project. The Saint Elmo Project is 100% owned by Multicom and is situated 15km east of Julia Creek in Queensland's North West Minerals Province.

### Job Accountabilities

As the Electrician you will be required complete electrical tasks in a safe manner to assist in the construction of the Saint Elmo Project. You will play a crucial role in the installation, maintenance and troubleshooting electrical works for our project.

The Electrician is responsible for:

#### **Electrical Installation:**

- Install and inspect electrical systems and components, including wiring, switchgear, motors, lighting, and control panels.
- Ensure compliance with electrical codes and standards during installation.
- Interpret technical drawings, schematics, and diagrams to ensure accurate installations and repairs.

#### **Preventive Maintenance:**

- Develop and implement preventive maintenance schedules for electrical equipment.
- Perform routine, and non-routine maintenance and inspections tasks on electrical systems in a safe and timely manner.
- Working autonomously, being reliable and positively contributing to our maintenance team.

#### **Electrical Troubleshooting:**

- Identify and troubleshoot electrical issues and faults in a timely manner.
- Collaborate with maintenance team and electrical superintendent to address complex electrical problems.

#### **Equipment Repairs:**

- Repair or replace faulty electrical components, such as motors, circuit breakers, relays, and switches.
- Conduct overhauls and refurbishments of electrical equipment when necessary.

#### **Electrical Testing:**

- Perform testing and diagnostic procedures on electrical systems to ensure proper functionality.
- Conduct insulation resistance tests, continuity tests, and other electrical measurements.

#### **Control System Support:**

- Provide support to the instrument technician for the maintenance and troubleshooting of control systems, Control equipment, and instrumentation.

#### **Safety Compliance:**

- Adhere to safety protocols and procedures while working on electrical systems.
- Identify and report potential safety hazards associated with electrical equipment.

#### **Documentation:**

- Maintain accurate records of electrical maintenance activities, repairs, and testing results.
- Ensure compliance with documentation requirements for regulatory purposes.

## **Key Relationships**

#### **Internal**

- Electricians, Instrument Technicians, SSE, Maintenance Team, Engineers

#### **External**

- Nil

## **Desired Experience and Qualifications**

- Relevant Trade Qualification Certificate III in Electrical Technology (QLD Electrical Licence Essential)
- Proven history of fault finding and repairs on various electrical equipment
- Confined Space Entry & Working at Heights (Desirable)
- LVR/CPR (Required)
- Understanding of industry standards and specifications
- Effective communication skills for collaboration with team members and supervisors
- Ability to satisfactorily meet expectations for pre-employment medical including drug and alcohol screening
- Professional and respectful attitude and approach to work