

## External Vacancy

**Sierra Mineral Holdings I Limited (A Bauxite Mining Company) Gondama Plant Site, Moyamba District, Southern Sierra Leone, West Africa**

Sierra Mineral Holdings I Limited invites applications from accomplished professionals to join our team as:

**Position: Marine Electrician**

**Reports to:** Chief Engineer (Port)

**Contract Type:** Local – Fixed Term (one Year)

**Salary:** Competitive

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### Job Overview

The electrician in a mining port is responsible for installing, maintaining, and repairing electrical systems and equipment essential to port and mining operations. This role requires technical expertise, attention to detail, and a commitment to safety to ensure the uninterrupted functionality of critical electrical systems in a challenging industrial environment.

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### Key Responsibilities

#### Electrical Installation and Maintenance

- Install, maintain, and repair electrical systems and components for port and mining operations.
- Inspect and troubleshoot electrical equipment, such as conveyors, cranes, pumps, and other heavy machinery.
- Perform wiring and cabling tasks for power distribution systems.

#### Equipment Diagnostics and Repair

- Diagnose electrical issues using tools like multimeters, oscilloscopes, and diagnostic software.
- Repair or replace faulty electrical components to ensure uninterrupted operations.

#### Preventive Maintenance

- Conduct routine inspections and maintenance to prevent electrical failures.
- Ensure compliance with maintenance schedules for critical electrical systems.

#### Safety and Compliance

- Adhere to safety protocols and guidelines, including lockout-tagout (LOTO) procedures.
- Ensure all electrical work complies with regulatory standards and company policies.

#### Team Collaboration

- Work closely with engineers, welders, and other technical staff to address electrical requirements.
- Provide input during planning and design phases of projects to optimize electrical setups.

## 1. Experience Requirements

**Minimum Years of Experience:** 3–5 years as an electrician in industrial or mining environments.

### Industry-Specific Experience:

- Familiarity with electrical systems used in heavy machinery and port operations.
- Experience working with high-voltage equipment, generators, and motor control systems.

### Work Conditions:

- Proven ability to work in extreme conditions, including heat, dust, and noise.
- Experience handling emergency electrical repairs in high-pressure environments.

## 2. Qualification Requirements

### 1. Educational Qualifications

- High school diploma or equivalent.
- Diploma or technical certification in electrical engineering or a related field.

### 2. Technical Skills

- Proficiency in reading electrical schematics, blueprints, and diagrams.
- Skilled in using diagnostic and testing tools for electrical systems.
- Knowledge of industrial automation, including PLCs and control systems, is an advantage.

### 3. Additional Requirements

- Physical fitness and the ability to work at heights or in confined spaces.
- Strong problem-solving and time-management skills.

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### Why Join SMHL?

- Opportunity to work with a dynamic and forward-thinking team in a globally recognized mining operation.
- Attractive remuneration and benefits package.
- A challenging and rewarding career in a fast-paced industry.

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### How to Apply

Submit your application, including a detailed CV, cover letter, and copies of relevant certificates, to:

**The Human Resource & Corporate Affairs Manager**

Sierra Mineral Holdings Limited

Gondama Plant Site

Alternatively, email your application to:

[smhlrecruitment@sierramineral.com](mailto:smhlrecruitment@sierramineral.com)

**Closing Date: 11<sup>th</sup> February 2025**

**Note:** Applications will be reviewed on a rolling basis, and only shortlisted candidates will be contacted.

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### Sierra Mineral Holdings 1 Ltd

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