

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: Assistant Marine Engineer

Reports to: Chief Marine Engineer

Contract Type: Local – Fixed Term (10 Months)

Salary: Competitive

Job Overview

The **Assistant Marine Engineer** supports the maintenance, operation, and repair of marine vessels or offshore equipment used to transport or extract mining materials. These vessels or platforms are integral to the supply chain in mining operations, as they carry bulk materials (bauxite). The Assistant Marine Engineer helps ensure that the equipment functions efficiently, safely, and in compliance with maritime and environmental regulations.

Key Responsibilities

- Assist in the maintenance, inspection, and repair of marine engines and mechanical systems aboard ships or offshore platforms.
- Ensure the smooth operation of propulsion systems, auxiliary engines, and other critical machinery to support the safe and efficient transportation of mined materials.
- Conduct regular checks and monitor the condition of marine equipment to identify any potential issues before they cause breakdowns.
- Assist in troubleshooting and repairing engine malfunctions, electrical systems, hydraulic systems, or other mechanical failures.
- Provide technical support to the Chief Marine Engineer and other senior engineers in the operation of the ship's mechanical systems.
- Monitor the performance of the engine room, ensuring all systems are functioning according to operational requirements.
- Help with the operation and control of fuel systems, cooling systems, and other machinery in line with operational needs.
- Assist in the preparation and implementation of operational procedures for safe and efficient vessel operation.
- Adhere to safety protocols and regulations, including International Maritime Organization (IMO) standards and environmental regulations.
- Help implement emergency response procedures in the event of a fire, oil spill, or other marine emergencies.
- Participate in safety drills and ensure the vessel's equipment and safety devices are operational and compliant with maritime regulations.
- Ensure the engine room and mechanical systems meet safety and environmental standards by adhering to preventive maintenance schedules.
- Assist the Chief Engineer in overseeing the day-to-day operation of the engine room and crew, ensuring efficient work practices and safety.
- Provide guidance and support to junior marine engineers or crew members working in the engine room or machinery spaces.
- Ensure proper use and maintenance of equipment by the crew and ensure all operational procedures are followed.
- Assist in the monitoring and analysis of engine performance data to identify inefficiencies or potential failures.
- Regularly check the performance of power generation systems and machinery, ensuring they are operating at optimal levels.
- Assist in energy efficiency programs to reduce fuel consumption and optimize the overall performance of the vessel.

3. Experience Requirements

Experience:

- Typically, **2-3 years** of hands-on experience in marine engineering or related fields, ideally aboard commercial vessels, offshore platforms, or in a similar maritime environment.
- Experience working with bulk cargo ships, tankers, or specialized vessels used in the mining industry (such as those used for transporting mined materials) is a plus.
- Practical experience in engine room operations, including monitoring, maintenance, and troubleshooting of engines and mechanical systems.

Skills:

- Strong knowledge of marine engineering principles, including propulsion systems, power generation, refrigeration, and auxiliary machinery.
- Ability to troubleshoot mechanical or electrical faults quickly and effectively.
- Ability to communicate effectively with senior engineers, crew members, and shore-based operations teams.
- Collaborating with the ship's crew, engineers, and other departments to ensure smooth operations and safety.
- Knowledge of maritime safety regulations and ability to respond to emergency situations

4. Qualification Requirements

- **Bachelor's degree or Diploma in Marine Engineering, Naval Architecture, Mechanical Engineering, apprenticeship or certification** as a marine engineer or a related field.

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.

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:

sahlrecruitment@sierramineral.com

Closing Date: 14th February 2025

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

Sierra Mineral Holdings 1 Ltd

52 Wellington Street

P.O. Box 59, Freetown

Republic of Sierra Leone, West Africa