

Developing and growing talent and skills within
Sierra Leone, for Sierra Leone.

Position Title	Metallurgy Technicians	MML is an equal-opportunity employer. Women are strongly encouraged to apply for roles at MML.
Job Code/Level	Below Supervisory	
No. of Positions	2	
Department	Processing	
Location	Marampa Mines Site, Lunsar	
Reporting to	Metallurgy Supervisor	
Salary	Attractive	

ROLE AND PURPOSE

As a Metallurgical Technician, your primary purpose is to conduct comprehensive metallurgical testing and analysis on ore samples, contributing crucial insights to the mineral processing and extraction processes. Working collaboratively with metallurgists and interdisciplinary teams, your role involves operating and maintaining laboratory equipment with precision to ensure accurate results.

RESPONSIBILITIES

- Conduct comprehensive metallurgical testing and analysis on ore samples to ascertain mineral content and quality.
- Operate and meticulously maintain laboratory equipment, ensuring precision and reliability of test results.
- Collaborate closely with metallurgists and interdisciplinary team members to devise and enhance processing techniques.
- Monitor and analyze process data meticulously to pinpoint areas for operational enhancement in efficiency and product quality.
- Assist in the formulation and implementation of meticulous metallurgical test plans and procedures.
- Accurately collect and document data, adhering strictly to industry standards and regulations.
- Conduct routine inspections and maintenance on equipment to guarantee safe and efficient operations.
- Provide technical support during pilot plant testing and production activities.
- Collaborate effectively with cross-functional teams to troubleshoot and resolve process-related challenges.
- Stay abreast of industry trends and advancements to contribute to ongoing initiatives for continuous improvement.

EDUCATION & EXPERIENCE

- Bachelor's degree in Mining Engineering, or a related field.
- Minimum of 2 years of proven experience as a Metallurgical Technician in mining.
- Knowledgeable in metallurgical testing methods and procedures.
- Experienced in analysing complex data and interpreting results from metallurgical tests.
- Competence in operating and maintaining metallurgical laboratory equipment
- Understanding of mineral processing, systems and technologies.
- Detail-oriented for accurate data collection and maintaining high-quality standards.
- Knowledge and commitment to safety protocols and procedures for workplace safety.
- Familiarity with the operation and maintenance of mineral processing equipment.

REQUIRED SKILLS

- Capability to identify and resolve challenges in the metallurgical process to optimize efficiency.
- Effective communication to collaborate with metallurgists, team members, and other stakeholders, as well as to report findings clearly.
- Ability to assist in routine checks and basic maintenance of plant equipment.
- Flexibility to adapt to changing operational needs and assist in various tasks as directed by the line manager/supervisor.
- Ability to work effectively with the operations team, particularly during planned shutdowns and equipment testing.
- Attention to detail and good interpersonal skills.
- Ability to work both independently and collaboratively within a team setting, contributing to a multidisciplinary approach.
- Proficient in documenting procedures, test plans, and results accurately, adhering to industry standards.
- Strong mathematical skills for data analysis and interpretation.
- Efficient time management to meet deadlines and contribute to the smooth operation of metallurgical processes.

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WORK ENVIRONMENT AND PHYSICAL REQUIREMENTS

- The individual must be physically and mentally fit for the mining work environment.
- The post is physically demanding and involves working in variable weather conditions.
- Requires flexibility to work in rotating shifts and extended hours including weekends and holidays.

HOW TO APPLY & CLOSING DATE

Please forward your application including your CV, cover letter, copies of your educational and professional certificates and any other supporting documents to **Marampa Mines Ltd. Human Resources** desk via the main entrance gate of the Mine Site, Lunsar or e-mail: MMLRecruitment@marampamines.com

The closing date for receipt of applications is the 20th of July 2024.

Only shortlisted candidates will be contacted, and you may be subjected to written and practical tests where applicable.

Women are strongly encouraged to apply.