

Position Title	Control & Automation Engineer	MML is an equal opportunity employer, and women are strongly encouraged to apply.
Department	Engineering and Maintenance	
Location	Marampa Mines Site, Lunsar, Sierra Leone	
Reporting to	C & I Superintendent	

Position Summary

Marampa Mines Limited is seeking to hire a suitably qualified and experienced **Control & Automation Engineer** with strong system integration experience to join our engineering team. The ideal candidate will have hands on expertise with modern industrial automation platforms, advanced SCADA systems, and high availability edge computing technologies. They will be responsible for the safe, reliable, and compliant operation, maintenance, and improvement of control and automation systems across the plant. The role focuses on ensuring system availability, supporting operations, leading automation improvements, and developing technical capability within the team.

Key Responsibilities

- Ensure all control and automation activities comply with site safety standards, statutory regulations, and company policies.
- Enforce safe work practices, permit-to-work systems, isolation procedures, and change management processes.
- Conduct toolbox talks and risk assessments with teams before work commencement.
- Participate in risk assessments, HAZOPs, RCAs, and incident investigations related to control systems.
- Ensure compliance with OEM standards, cybersecurity requirements, and automation governance frameworks
- Supervise and support technicians during maintenance, breakdowns, shutdowns, and project execution.
- Provide hands-on technical leadership during fault finding, commissioning, and system upgrades
- Plan and schedule control and automation maintenance activities, shutdown scopes, and improvement work.
- Coordinate with Operations, Maintenance, Projects, OEMs, and IT to ensure minimal plant disruption.
- Support spare parts identification, critical spares listing, and technical input into procurement.
- Maintain and improve the reliability and availability of PLC, SCADA, HMI, instrumentation, and network systems.
- Lead fault finding and root cause analysis for automation related plant issues.

- Identify and implement system upgrades, obsolescence management, and technology improvements.
- Provide 24/7 technical support as required to maintain plant availability

Qualifications and Experience

- Bachelor’s degree in Instrumentation, Electronics or Control Engineering
- 5+ years of experience in a C&I Engineer role, preferably in mining or heavy industry.
- Proven hands-on experience with PLC programming, SCADA/HMI configuration, and commissioning of control systems.
- Strong knowledge of industrial control systems including PLCs, SCADA/HMI, VSDs, and field instrumentation
- Solid understanding of control system architectures, industrial communication networks, and cybersecurity principles.

- **Skills and Competencies**

- PLC & Control Systems
 - Schneider Electric Unity Pro V6
 - Schneider Control Expert V15.3
 - Modicon M580 controllers
 - RSLogix 5000 / Studio 5000
- SCADA & Historian Platforms
 - AVEVA Plant SCADA 2020 R2
 - Ignition SCADA (Inductive Automation)
 - Industrial historians (Ignition, AVEVA, or equivalent)
- Database & IT Systems
 - MS SQL Server (queries, reporting, integrations)
 - Stratus ztC Edge 250i platforms (configuration, deployment & redundancy)

Work Environment and Physical Requirements

- The individual must be physically and mentally fit for a fast-paced work environment.
- Standard office hours apply, with some flexibility required.

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 Limited. Human Resources** desk via the main entrance gate of the Mine Site, Lunsar, or e-mail:

MMLRecruitment@marampamines.com
<https://marampamines.com/careers/>

The closing date for receipt of applications is 22nd April 2026.

Only shortlisted candidates will be contacted and may be required to perform written and practical assessments, where applicable.

Women are strongly encouraged to apply for roles at MML.