

Vistari SEZ Limited - Job description

Job details	
Job title: Electrical & Electronics Technician	Line Manager title: Supervisor - Electrical & Electronics
Department: Technical Services	Location: Eldoret, Kenya
Direct reports	
None	
Job summary	
The Electrical & Electronics Technician ensure the reliable, safe, and efficient operation of all electrical and electronic systems, machinery, and power infrastructure across the textile plant. The role involves installing, inspecting, repairing, and maintaining electrical and control systems to support uninterrupted production while ensuring compliance with quality, safety, and environmental standards.	
Key roles and responsibilities	
Maintenance & Repair - Inspect electrical and electronic systems, wiring, fixtures, and components to detect faults, hazards, or irregular performance. - Diagnose malfunctioning systems using test devices such as multimeters, oscilloscopes, insulation testers, and loop testers. - Perform preventive and corrective maintenance on motors, PLC panels, motor control centres (MCCs), variable frequency drives (VFDs), sensors, and instrumentation. - Repair or replace defective wiring, relays, switches, fuses, contactors, sensors, and other electrical or electronic components. - Ensure electrical and electronic systems are safe, stable, and operating within prescribed voltage and load limits. Installation, Calibration & Testing - Install, wire, and commission electrical and electronic control systems according to technical drawings and wiring diagrams. - Support installation of new machines and automation systems, ensuring proper integration with plant power and control infrastructure. - Test, calibrate, and verify the performance of electrical circuits, PLCs, and control devices. - Maintain alignment and synchronisation of electronic sensors, timers, and protection relays for optimal system response. Safety, QHSE & Compliance - Adhere to Quality, Health, Safety, and Environment (QHSE) procedures and electrical codes (e.g., IEE, OSHA, and Energy Act regulations). - Use correct Personal Protective Equipment (PPE) and apply lock-out/tag-out procedures when working on live systems. - Maintain clean, organised, and hazard-free electrical and control panels in accordance with 5S principles. - Ensure compliance with ISO 9001 (Quality Management) and ISO 14001 (Environmental Management) standards. - Report any electrical incidents, near misses, or unsafe conditions immediately to the supervisor. - Support energy management initiatives to improve efficiency and reduce power wastage. Documentation & Reporting - Maintain accurate logs of inspections, maintenance activities, breakdowns, and spare parts usage. - Record key operating parameters such as voltage, current, power factor, and motor load performance. - Prepare maintenance and energy consumption reports for management review. - Provide feedback on recurring issues to support root cause analysis and continuous improvement. Coordination & Continuous Improvement - Collaborate with mechanical, instrumentation, and production teams to diagnose and resolve plant breakdowns.	

Vistari SEZ Limited - Job description

- Participate in machine commissioning, system upgrades, and retrofitting of control panels or drives. - Contribute ideas for improving system reliability, automation, and energy efficiency. - Participate in training, toolbox meetings, and skill-building sessions to stay current with technologies. • Compliance with Vistari's Corporate Systems - Apply the highest standards of internal controls and risk management practices and behaviours and embed a positive risk and control culture. - Demonstrate prudence, sound judgement, and appropriate and timely escalations in management of all types of risk (including fraud risk) applicable to the role. - Promote and adhere to Vistari's core values and ensure compliance with organisational policies and procedures, collective agreements, and statutory employment standards. - Maintain zero tolerance to bribery, fraud, and corruption, and ensure the immediate reporting of any corruption or suspect behaviour that threatens Vistari's reputation. - Adhere to safeguarding policies and procedures and immediately report any safeguarding concerns. - Any other related responsibilities that may be assigned by the Line Manager from time to time.		
Academic and professional qualifications		
• Government Trade Test (Craft) Certificate Grade I, II or III or Diploma in Electrical Engineering, Electronics Engineering, or Instrumentation & Control. • Valid Electrical Wireman/Installation License from the Energy and Petroleum Regulatory Authority (EPRA) or equivalent authority (mandatory). • Certificate in Industrial Automation, PLC Programming, or Instrumentation is a strong advantage. • Certificate in Industrial Safety, Energy Management, or Environmental Awareness is preferred. • Certificate in Computer Applications is an added advantage.		
Work experience		
• Minimum of two (2) years' experience in industrial electrical and electronic maintenance, preferably in textile or manufacturing environments. • Basic level proficiency in MS Office for maintenance documentation.		
Technical skills and behavioural competencies		
• Electrical & Electronic Systems: Strong understanding of industrial wiring, control circuits, and automation systems. • Preventive Maintenance: Skilled in routine inspection, fault diagnosis, and reliability improvement. • Safety Compliance: Deep awareness of electrical safety codes and QHSE standards. • Analytical & Diagnostic Skills: Proficient in testing, interpreting schematics, and troubleshooting complex systems. • Automation Knowledge: Familiarity with PLCs, sensors, and process control instrumentation. • Energy Management: Ability to monitor and optimise power usage and system efficiency. • Attention to Detail: Accuracy in circuit testing, calibration, and documentation. • Teamwork & Communication: Works collaboratively with multidisciplinary teams for system support and problem-solving. • Adaptability: Capable of handling shift work, emergency repairs, and changing operational demands. • Continuous Learning: Keeps up-to-date with emerging technologies in electrical and electronic engineering. • Adaptability: Ability to work under pressure and adjust to changing priorities. • Values and work ethic: High integrity, ethical judgment, results-driven approach, and commitment to accountability.		
Sign off		
Job holder name:	Signature:	Date:
Line Manager name:	Signature:	Date:
Secondary Reviewer name:	Signature:	Date:

