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Description automatically generated**Position:** Maintenance Electrician  
Location: [City/Region]  
Employment Type: Full-Time  
Reporting To: Maintenance Supervisor

**About the Role**

We are looking for an experienced **Operations & Maintenance Electrician** to support the operation and upkeep of complex electrical systems in industrial and commercial facilities. This role demands a strong focus on **preventive and condition-based maintenance**, troubleshooting, and ensuring the safe, efficient functioning of equipment. You will be instrumental in reducing downtime and maintaining operational reliability.

**Key Responsibilities**

**System Maintenance and Repair:**

* Perform preventive and condition-based maintenance to optimize system reliability and minimize unexpected downtime.
* Inspect, maintain, and repair electrical systems, including **HVAC, industrial machinery, motor control systems, and building power distribution networks**.
* Use diagnostic tools to monitor system performance and predict potential failures, implementing corrective actions proactively.
* Conduct root cause analysis for recurring electrical issues and recommend long-term solutions to enhance system reliability.

**Safety and Compliance:**

* Adhere to all local and international safety regulations, including OSHA standards and site-specific protocols.
* Perform safety checks on electrical systems and ensure that all maintenance activities comply with safety and regulatory requirements.
* Contribute to safety audits and recommend improvements to enhance workplace safety culture.
* Provide regular feedback on safety practices to the maintenance team and participate in safety drills and workshops.

**Troubleshooting and Problem-Solving:**

* Diagnose and resolve electrical malfunctions, often under high-pressure conditions, to minimize downtime.
* Collaborate with cross-functional teams to troubleshoot integrated systems and identify areas for process improvements.
* Respond promptly to emergency breakdowns, ensuring quick restoration of critical systems.

**Documentation and Reporting:**

* Maintain accurate records of maintenance activities, including inspections, repairs, and replacements.
* Provide detailed reports to supervisors on system performance, highlighting areas of concern and recommending actions.
* Assist in the preparation of maintenance schedules and update asset management systems with completed tasks.

**Collaboration and Communication:**

* Work closely with engineers, technicians, and facility managers to ensure systems operate at peak efficiency.
* Communicate clearly with stakeholders to update them on system performance, maintenance schedules, and potential risks.
* Participate in team meetings to discuss ongoing challenges, share insights, and contribute to problem-solving initiatives.

**Qualifications**

**Education and Certification:**

* High school diploma or equivalent.
* Certification or vocational training in electrical maintenance or a related field.
* Licensed electrician (as required by local regulations).

**Experience:**

* At least 2 years of experience in operations and maintenance of electrical systems in industrial or commercial settings.
* Proven expertise in implementing preventive and condition-based maintenance strategies.

**Skills and Competencies:**

* Strong troubleshooting and problem-solving skills, with a focus on system optimization.
* Knowledge of electrical safety standards, lockout/tagout procedures, and condition monitoring tools.
* Ability to work independently and as part of a team, demonstrating excellent communication and coordination skills.

**Physical Requirements:**

* Ability to work in challenging environments, such as confined spaces or elevated locations.
* Capacity to handle physical tasks, including lifting, climbing, and prolonged standing.