

Job Description

Job Title: Engineer/Senior Engineer	Date Prepared: 29-Oct-2025
Department: Maintenance - Electrical	Location: Hosur

Experience

- B.E / B.Tech / Diploma in Electrical or Electronics Engineering with **4–8 years of experience in electrical maintenance** , preferably in the **gear manufacturing or automotive industry**.

ACCOUNTABILITIES & ACTIVITIES

- Plan, execute, and monitor **preventive, predictive, and breakdown maintenance** activities for all electrical and electronic systems across the plant.
- Ensure maximum **machine uptime** for CNC, PLC, and special-purpose machines (SPMs) through effective troubleshooting and maintenance practices.
- Perform fault diagnosis and rectification of CNC and PLC systems (Fanuc, Siemens, Mitsubishi, etc.).
- Monitor and maintain electrical panels, drives, servo motors, inverters, sensors, encoders, and other automation components.
- Coordinate with mechanical maintenance and production teams to ensure quick resolution of equipment issues.
- Lead root cause analysis (RCA) for repetitive electrical issues and implement corrective/preventive actions.
- Maintain and update machine history records, maintenance logs, and breakdown analysis reports.

ESSENTIAL/DESIRABLE REQUIREMENTS INCLUDING REQUIRED QUALIFICATIONS

- B.E / B.Tech / Diploma in Electrical or Electronics Engineering.
- 5–10 years of experience in **electrical and automation maintenance** within the **gear manufacturing / machining / automotive industry**.
- Hands-on expertise in maintenance and troubleshooting of **CNC machines** with **Fanuc, Siemens, or Mitsubishi** controls.
- Strong ability to read and interpret complex electrical drawings.
- Knowledge of **PLC, HMI, VFDs, Servo Drives, and Control Circuits**
- Experience maintaining utility equipment like Cranes, Forklifts and Electrical lifters.
- Experience in **machine installation, wiring, panel testing, and integration** of new equipment.
- Strong communication and teamwork abilities

DESIRABLE BEHAVIOURS

Job Description

- **Technical Expertise:** Demonstrates strong diagnostic ability in electrical and electronic systems.
- **Reliability Focus:** Strives for zero unplanned downtime through proactive maintenance planning.
- **Ownership:** Takes full responsibility for plant electrical systems and machine health.
- **Continuous Improvement:** Actively participates in projects to enhance machine performance and energy efficiency.