

Electrical Engineer Job Description:

- Evaluates electrical systems, products, components, and applications by designing and conducting research programs; applying knowledge of electricity and materials.
- Provide technical assistance when needed.
- Develops electrical products by studying customer requirements; researching and testing manufacturing and assembly methods and materials.
- Develops manufacturing processes by designing and modifying equipment for building and assembling electrical components; soliciting observations from operators.
- Prepares proposals for projects, do costings.
- Perform Electrical design and Program software/Firmware of control systems
- Keeps equipment operational by following manufacturer's instructions and established procedures; requesting repair service.
- Completes projects by training and guiding technicians.
- Maintains professional and technical knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; participating in professional societies.
- Candidate must be able to work independently with minimal supervision.
- Contributes to team effort by accomplishing related results as needed.
- Quickly understand novel technologies and how to integrate into a product.
- Troubleshoot equipment malfunctions or design defects.
- Effective Verbal and communication skills are required
- Good housekeeping of both customer sites and company vehicle.
- Adhere to company health & safety standards.
- Be a part of the on-call rota.
- Be able to carry out basic engine servicing.
- Familiarity with Power Circuit Breakers, Protective Relay Systems, AC and DC Motors / Generators, Programmable Logic Controllers
- Working knowledge of prints/print reading, such as manufacturing drawings, P&IDs and schematic drawings.
- Be able to work on MVs and HVs or have knowledge about them.
- Perform other duties as assigned

Electrical Engineer Skills and Qualifications:

- At least a degree in Electrical Engineer or equivalent
- Must have at least 5 years experience.
- Electronic Systems, Electronics Troubleshooting, Electronic Testing Design, Project Management, Quality Focus, Database Design, Analysing Information, Attention to Detail, Emphasizing Excellence, Innovation, Budgeting skills, Costing & Proposal Writing.