LIGHTING TECHNOLOGIES

Electrical Design Engineer

POSITION TITLE	Electrical Design Engineer
QUALIFICATION	Diploma or Degree in Electrical / Electronics Engineering
EXPERIENCE	3 Years in Electrical Circuit Design & Drafting
PRIMARY TOOL	AutoCAD (2D Drafting & Schematics)

POSITION OVERVIEW

Lighting Technologies is seeking an Electrical Design Engineer to join our core technical team. The role focuses on translating product specifications into accurate electrical wiring circuit designs, schematic diagrams, and technical documentation required for signages

KEY RESPONSIBILITIES

- Design and draft detailed electrical wiring circuits, single-line diagrams (SLDs), and schematics using AutoCAD.
- Interpret and analyze basic electrical product specifications, component datasheets, and technical drawings to establish accurate circuit parameters.
- Ensure all electrical circuit layouts comply with safety standards, internal design standards, and functional requirements.
- Collaborate with product development and assembly teams to resolve technical design queries and validate component selection.
- Maintain clear version control and documentation for all electrical designs, bill of materials (BOM), and revision history.

QUALIFICATIONS & SKILLS

- Diploma or B.E. / B.Tech in Electrical or Electronics Engineering.
- Minimum 3 years of hands-on experience focused on electrical wiring circuit design.
- Working knowledge of AutoCAD for 2D technical drafting and electrical schematic layout.
- Ability to comprehend technical product specifications, electrical load calculations, and datasheet values.
- High attention to detail, structured workflow, and strong problem-solving capabilities.