

Job Description- Electrical Engineer

Description

ABNA is seeking an **Electrical Engineer** for our Midtown St Louis, MO location. This position requires a self-motivated individual with a **PE**, to assist with design and development of lighting, power distribution, communication, instrumentation and controls projects. The ideal candidate should possess the ability to work in a highly flexible, team-oriented environment with exceptional communication, analytical and organizational skills. Also, in some instances, the candidate would assume the role as lead engineer, or as a design engineer supporting other engineers on large projects.

Responsibilities for ensuring the successful execution of design services may include the following tasks and duties:

- Design power distribution, lighting, and grounding systems.
- Create and review electrical equipment specifications.
- Prepare estimates of probable construction costs.
- Perform electrical engineering studies and calculations.
- Develop schematic drawings, wiring diagrams. MCC single line diagrams, control panel layouts, lighting & power plan drawings.
- Review Shop drawings and vendor documentation.
- Clearly, communicate concepts and ideas with clients and construction personnel.
- Read and interpret P&IDs and General Arrangement Drawings.
- Develop proposals and project hour estimates.
- Assist with sales calls and interviews for projects.
- Meet with clients and vendors.
- Mentor less experienced engineers and designers.

Qualifications:

- BS in Electrical Engineering with lighting emphasis preferred and registered as a **Professional Engineer (PE)**.
- 8-12 years of electrical design experience.
- Working knowledge of Microsoft Word, Microsoft Excel, and Microsoft Project.
- Working knowledge of a CAD platform either MicroStation and or AutoCAD is necessary.
- Knowledge of a second CAD platform, Revit, and AGi32 is a plus.
- Good working knowledge of the NEC, NFPA, and IESNA standards.

Success will be measured by: Commitment to quality and continuous improvement through innovation, creative thinking and improved results; along with the ability to

establish and maintain cooperative and productive relationships with all employees, clients and other stakeholders.

ABNA is an Equal Opportunity Employer, Pre-Employment Drug Screening is required. Qualified candidates will be contacted for an interview.

Job Type: Full-time