

Electrical Engineer

InterMat seeks a talented and motivated Electrical Engineer to join our consulting team. As an electrical engineer, you will play a crucial role in all phases of the design process, from conceptualization to construction documentation. You will collaborate closely with clients, engineers, and other stakeholders to create functional and creative designs. The ideal candidate should possess strong problem-solving skills, and thoughtful technical insights. Candidates should be driven to jump into complex technical problems and not be afraid to work outside their comfort zone to help our clients.

Responsibilities:

- Prepare criteria, computations/analyses, specifications, drawings/sketches, cost estimates, and technical reports for power systems.
- Select and apply engineering techniques and principles to analyze and evaluate specific problems, data, or other features of an assignment that is potentially broad in scope and complexity pertinent to power systems.
- Be able to author, review, comment, and finalize project technical specifications.
- Provide technical quality reviews and ensure adherence to quality control processes, codes, specifications, and standards. i.e. NFPA, IEEE, ANSI, etc.
- Assist designers and drafters in designing facility electrical and power systems to ensure the design conforms to recognized codes, standards, and client requirements.
- Conduct site visits to evaluate and gather information on existing systems.
- Develop one-line diagrams and electrical room layouts.
- Develop raceway and wiring layouts and schedules.
- Lighting and grounding system designs.
- Specifications of switchgear, transformers, MCCs, power panels, and associated electrical equipment.
- Power analysis utilizing Easy Power and / or SKM.
 - Short Circuit Analysis
 - Arc Flash Analysis
 - Protective Device Coordination
- Commissioning support for electrical systems.
- Coordinate and collaborate with project teams, including other engineering disciplines, designers, and contractors.
- Stay updated with current trends, technologies, and best practices in engineering and design.
- Participate and/or manage multiple projects simultaneously, ensuring adherence to deadlines and/or budgetary constraints.

Abilities:

- Work effectively with team members and clients across various projects, initiatives, and functions.
- A passionate and curious inquisitive learner.
- Self-starter who is also a diligent closer.
- Occasional travel required to clients' project sites.
- Ability to work collaboratively in a team environment.
- Ability to work remotely or at an office location as required.
- Ability to follow InterMat and client safety requirements.

Qualifications:

- Bachelor's degree in electrical or electronics engineering from an accredited institution.
- Minimum of 2+ years of work experience.
- Knowledge of industrial systems and their design.
- Knowledge of applicable codes, regulations, and construction methods.
- Excellent problem-solving and critical-thinking abilities

**Compensation:**

Depending on the successful candidate's background and experience, compensation for this position will consider the candidate's education, experience, technical skill, and expertise.

Job Location:

Houston, TX / Metairie, LA / Columbus, OH

Benefits:

We believe in recognizing and rewarding the contributions of our team members. In addition to a competitive salary, we offer a comprehensive benefits package, including:

- Extended Health Care
- Dental and Vision
- Life Insurance
- Disability Insurance
- 401K with Company Match
- Paid Time Off

Join our team at InterMat and embark on a rewarding journey of professional growth and fulfillment within a dynamic, growing company.

Please submit a cover letter and resume through the appropriate page form at www.InterMatLLC.com.