

Electrical Engineer

The Electrical Engineer helps design new and analyze existing electrical systems and makes cost-effective improvement, conducts research, designs testing methods, completes quality assurance, inspects the equipment, and runs diagnostics. They should ensure projects are completed on time and to specification. To be successful as an Electrical Engineer, incumbent should demonstrate strong learning abilities and organizational skills. Outstanding Electrical Engineers are passionate about engineering developments and can efficiently complete the assigned electrical deliverables on time and as per schedule with quality. This position will be located in our Woodlands, Texas or Tyler, Texas office.

Essential Duties & Responsibilities

- Develop, review, update, modify, and organize electrical design plans and work schedules
- Liaise with clients and other engineers to ensure projects are completed to specifications
- Maintain and improve existing engineering processes as directed by Team Lead
- Participate in meetings, technical events, and learning opportunities
- Eager to learn all available design tools and calculators to be able to help all electrical engineering areas as needed
- Attend FAT, perform diagnostics, and ensure Electrical Code/Standard compliance
- Support multiple projects/tasks to meet project schedule
- Ensure a safe, positive work environment with excellent problem-solving skills
- Work closely with project management teams on project status and challenges
- Implement applicable industrial standards and project-specific customer standards to all fabrication processes
- Ensure safe engineering design in accordance with sound engineering practice
- Ensure accuracy and completeness of all work executed
- Communicate with the Engineering Manager regarding potential problem areas in the electrical discipline on the project
- Communicate with Fabrication Team Lead about completed tasks, deliverables, and scheduling
- Assist in the development of standard design details and specifications as needed
- Acquire information and other data from all sources, including design basis and process documentation

Qualifications & Experience

- Electrical engineering degree (bachelor's degree preferred)
- Professional registration preferred
- Administrative policies and procedures (intermediate)
- Adobe Acrobat Reader (intermediate)
- Bluebeam (intermediate)
- Compliance regulations (intermediate)
- ETAP Electrical Software and/or SKM System Analysis Software (intermediate)
- Design knowledge (intermediate)
- Electrical power systems (intermediate)
- Emergency shutdown systems (intermediate)
- PIP - Process industry practices (intermediate)
- Microsoft Office Suite (intermediate)
- Health and safety regulations (intermediate)
- Electrical hazardous area classifications (intermediate)
- International electrical code (IEC) (intermediate)
- National electrical code (NEC) (intermediate)
- 6-10 years of experience in an Engineering, Procurement, and Construction company(s) with strong interpersonal, negotiation, and communication skills

Working for KP Engineering

As a wholly-owned subsidiary of The Shaw Group, KP Engineering is an Equal Opportunity Employer and does not discriminate on the basis of race or ethnicity, religion, gender, national origin, age, veteran disability or genetic information or any other reason prohibited by law in employment. Each of our employees receives:

- Generous health benefits
- Competitive compensation
- 401K and matching
- Ongoing professional training and development
- Opportunity to participate in community service
- Mobility/flexibility
- Commitment to work-life balance
- Exclusive team-building opportunities

This position description reflects management's assignment of essential functions, and nothing in this herein restricts management's right to assign or reassign duties and responsibilities to this position at any time.

Apply Today

Please email your resume to Careers-US@TheShawGrp.com to be considered for this opportunity.