

## **Electrical Engineer**

Pickering Associates has an opening for a full-time entry level Electrical Engineer. This candidate will join a team of electrical engineers and designers servicing WV, OH and beyond.

Position requires knowledge of electrical design and engineering techniques. Candidate will be responsible for planning and conducting electrical engineering work requiring judgment in the evaluation, selection, application and adaptation of engineering techniques, procedures and criteria. Will devise new approaches to problems, and prepare or modify drawings, specifications, calculations, charts and graphs, and monitor work for compliance to applicable codes and accepted engineering practices and standards.

Candidate must be able to perform electrical engineering designs for Industrial and Commercial facilities:

### ***Required Skills:***

- Power distribution: 15kV and 600V and below
- Develop one-line diagrams, plans, details, and schedules
- Power study experience such as short circuit analysis/arc flash studies
- Standby generator design application experience
- Application of NFPA Guidelines including publication 70 (National Electric Code), 70E
- Lighting Design including lighting calculations, layout, and controls
- Develop motor controls, design schematics, and consult on motor applications
- Cost Estimates
- Provide manpower requirements for engineering proposals
- Requires contact with Clients, vendor's representatives and project field personnel
- Participate in job site visits to serve as the electrical technical project representative during construction

### ***Additional Skills (preferred, but not required):***

- Experience using SKM PowerTools for power system studies
- Develop process and instrumentation diagrams (P&IDs)
- Process and field instrumentation design including application and integration
- Control System Programming

### ***Qualifications:***

- A Bachelor's of Science degree in electrical engineering
- Knowledgeable in National Fire Protection Association/National Electrical Code (NFPA/NEC) Standards
- AutoCAD experience is a plus

**Benefits:**

We offer a competitive wage package commensurate with experience, including excellent benefits. Benefits include 401k with 6% match, affordable health coverage, paid time off, tuition reimbursement and a generous bonus program. Assistance with relocation costs will be considered.

All qualified candidates are encouraged to apply. Pickering Associates is an equal opportunity employer.

Submit cover letter, resume and salary history to: [pa\\_careers@pickeringusa.com](mailto:pa_careers@pickeringusa.com)