



Architects • Engineers • Surveyors

Electrical Engineer (entry level)

Pickering Associates has an opening for an entry level Electrical Engineer. This individual will assume the role of Electrical Engineer for our organization and will join a team of other electrical professionals servicing a diverse base of clients throughout WV, OH and beyond. This is a full-time position located at our Parkersburg, WV campus.

The chosen 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. He or she 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.

Job Duties and Responsibilities:

- Understanding of Power distribution: 15kV and 600V and below.
- Ability to develop one-line diagrams, plans, details and schedules.
- Power study experience such as short circuit analysis/arc flash studies.
- Application of NFPA Guidelines including publication 70 (National Electric Code), 70E.
- Lighting design including lighting calculations, layout and controls.
- Development of motor controls, design schematics and act as a consultant for motor applications.
- Assist with cost estimates.
- Provide manpower requirements for engineering proposals.
- Ability to work well with clients, vendors and project field personnel.
- Participate in job site visits to serve as the electrical technical project representative during construction phases.
- Experience and knowledge with SKM PowerTools for power system studies.
- Ability to develop process and instrumentation diagrams (P&IDs).
- Process and field instrumentation design including application and integration.
- Control System programming.

Qualifications:

- Bachelor's degree in Electrical Engineering
- Proficient using AutoCAD, a plus
- Knowledgeable in National Fire Protection Association/National Electrical Code (NFPA/NEC) Standards
- Strong communication skill