Electrical Engineer

Pickering Associates has an opening for an experienced 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 any of our offices in West Virginia or Ohio.

Job Responsibilities include but are not limited to:

• Responsible for planning and conducting independent electrical engineering work requiring sound judgement in evaluation, selection, application and adaption of electrical engineering techniques, procedures, and criteria.

• Prepare and modify drawings, specifications, calculations, charts and monitor work for compliance to applicable codes and accepted engineering practices and standards.

• Ability to perform all levels of electrical engineering designs for Industrial and Commercial facilities.

• Advanced 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.

• Complete lighting design including lighting calculations, layout, and controls.

• Development of motor controls, design schematics and act as a consultant for motor applications.

• Research and develop 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.

• Ability to develop process and instrumentation diagrams (P&IDs)

• Process and field instrumentation design including application and integration

• Control System programming – PLH & HMI knowledge

• Other duties as assigned

Qualifications:

• Bachelor’s degree in electrical engineering from an ABET accredited program

• Minimum 2 years Electrical Engineering experience

• Desire/background to become a Professional Engineer, if not at time of hire

• Proficient using AutoCAD and/or Revit, a plus

• Knowledgeable in National Fire Protection Association/National Electrical Code (NFPA/NEC) Standards

• Strong communication skill