



### **Job Description: Electrical Design Engineer**

QA Engineering is a mechanical, electrical, civil, energy, commissioning and lighting engineering design and construction firm currently looking for an Electrical Engineer.

Candidate must have a State of New Mexico P.E. or be within a year of obtaining a P.E. Applicant must be able to demonstrate an established career in residential, commercial and industrial design specific to Design and Construction documentation with familiarity of Design/Build projects. Duties will include performing all electrical engineering tasks for projects, designing, specification writing, as-building, drafting, performing calculations, job walks, estimating costs and reviewing with clients.

### **Education:**

- BS degree in Electrical Engineering
- P.E. in the State of New Mexico (or within a year of obtaining a P.E.)

### **Requirements:**

- 3-5 years of experience in hands-on electrical systems engineering design including production construction documents demonstrating ability to complete electrical systems analysis, design and report writing.
- Revit, AutoCAD, SKM, Microstation, Excel, and MS Word
- Must have some familiarity with construction Design/Build and commission processes.
- Must possess the ability to do site visits to assess all electrical equipment and controls.
- Some travel required.
- Able to climb ladders and work at heights.

### **Responsibilities:**

- Able to lead the electrical design on a multi-discipline project.
- Must be able to create and assemble a complete set of electrical construction documents.
- Review and audit construction specifications in Master Spec and SpecsIntact.
- Assist in mentoring the design activities of junior engineers and designers to verify that quality controls and project criteria are met and within budget.
- Delegate these activities and mentor less experienced staff.