

# Bruce Aerospace

<http://www.bruce.aero/>

**POSITION TITLE:** Electrical Engineer

**POSITION LOCATION:** Dayton, NV

**POSITION DESCRIPTION:**

Bruce Aerospace is currently looking for an electrical engineer who is self-motivated and energetic. The individual will focus on electrical and power supply design, PCB layout, electrical testing, troubleshooting, technical writing, reducing costs, and contributing to the success and growth of the overall business. This role is immersed in customer focused teamwork and will work collaboratively with sales, customer service, and operations. Duties include, but are not limited to:

- Contributes to design efforts, ongoing product development, and improvements
- Employs problem solving skills for effective problem resolution
- Focuses on engineering and design for cost-reduction, quality improvement, and efficiency
- Designs AC and DC electrical systems from customer specifications
- Develops systems layouts, subassembly configurations, and packaging criteria
- Prepares wiring diagrams and lists
- Provides design input to CAD design team
- Reviews and approves drawings
- Interfaces with other departments to resolve questions and technical issues; assists in scheduling engineering tasks for assigned programs
- Creates technical proposals, technical materials, procurement specifications, and electric analyses
- Reviews customer requirements including customer specifications, statements of work, and interface drawings in order to ensure compliance with contract
- Attends job kick-off meetings and participates in design reviews with customers
- Supports preparation and updates to task lists
- Tracks schedules on assigned programs
- Supports the sales department in proposal development and engineering estimates
- Reviews vendor/shop drawings, quotes, and proposals
- Interfaces with customers and contacts to resolve customer related issues
- Contributes to product improvement, new products, and product standardization
- Supports obsolescence mitigation and specifies alternate parts for existing products and systems
- Supports overall environment of quality control, safety, and product improvements
- Participates in new business activities, new process, and methods research
- Coordinates the manufacturing launch of new products/designs with operations
- Supports product with testing, troubleshooting, and general training on electrical aspects of products

**PREFERRED QUALIFICATIONS:**

- Experience or training in power circuits, power supply design, or lighting electronic design
- Designing for DO-160 or MIL-STD qualification

- Aerospace or military equipment certification experience
- Understanding of bills of material, engineering prints, quality documentation, work instructions, and other forms of controlled documentation
- Strong technical writing skills
- Good communication and interpersonal skills
- Ability and willingness to travel
- Bachelor's degree in electrical engineering

**HOW TO APPLY:**

Interested applicants should send a resume to [hrdept@bruce.aero](mailto:hrdept@bruce.aero).