



## **Job Description**

**Job Title:** Mechanical Design Engineer

**Department:** Engineering

**Reports To:** Engineering Supervisor

ARS Products is a state of the art company that invents and implements innovative ideas that are at the forefront of the communications and power control industries.

With a friendly work atmosphere, all employees are encouraged to think outside the box and come up with new ideas.

ARS Products offers benefits that support the ever evolving needs of its employees. We aim to attract, retain, and motivate the best people in the industry.

ARS works hard to hire the best employees from all over the country. We are committed to making sure that all our employees have the tools they need to succeed.

### **Summary:**

Research, design, develop, test and troubleshoot mechanical and electro-mechanical systems.

### **Essential Duties & Responsibilities:**

- Researching, designing, prototyping and production readying custom assemblies.
- Experimenting with new emerging materials and electro-mechanical hardware.
- Computer modeling of mechanical systems.
- Creating technical specifications and test plans
- Interfacing with other engineering disciplines.
- Writing operational documentation with technical authors.
- Maintaining systems by monitoring and correcting hardware defects.
- Problem-solving at the team and individual levels.

### **Qualifications:**

- BS/MS in Engineering, Math or Physics
- 4+ years hands-on experience in hardware development.
- Solid foundation in mechanical mathematics and computer modeling.
- Ability to create technical design documentation
- Ability to communicate effectively, relay tasks, and set agendas.
- Strong attention to detail for all facets of work.
- Excellent problem solving and analytical skills with the desire to learn new skills.
- Knowledge of materials and metals.
- Machine shop skills welcome.
- Knowledge of circuit boards is welcome.
- Software skills welcome.

ARS Products is an equal opportunity employer and considers qualified applicants for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, gender identity and expression, age, disability, or Vietnam era, or other eligible veteran status, or any other protected factor.