



Job Description

Job Title: Electrical RF / Microwave Design Engineer

Department: Engineering

Reports To: Engineering Manager

ARS Products is a state of the art company that invents and implements innovative ideas that are at the forefront of the radio 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 Products 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, tests and troubleshoot custom communications systems.

Essential Duties & Responsibilities:

- Researching, designing, prototyping and production readying custom communications electronics.
- Experimenting with new RF electrical hardware.
- Investigate and experiment with new technologies.
- Creating technical specifications and test plans.
- Writing operational documentation with technical authors.
- Problem-solving at the team and individual levels.

Qualifications:

- BS/MS in Engineering, Math or Physics.
- Must be knowledgeable in the use of the Smith Chart.
- 4+ years hands-on experience in hardware development.
- Solid foundation in electronic mathematics and computer modeling.
- Knowledge of circuit boards, semiconductors and measurement equipment.
- 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.
- Software skills welcome.