

Staff Electrical Design Engineer

Isolite Systems, a rapidly growing, privately held Goleta based medical technology company is looking for Staff Electrical Engineer to join our Research and Development Team. Specializing in dentistry, Isolite Systems is the pioneer of innovative solutions that make the dental experience easier, faster and safer for dental professionals and their patients.

The Staff Electrical Design Engineer is responsible for the complete design and development of Class I and Class II electro-mechanical medical products. Requires coordination of both internal and external resources, to achieve goals in a timely manner, cost effectively and in alignment with market needs, cost constraints and regulatory requirements. Must have experience in communication, lighting, power conversion & distribution, designing circuits and electronic assemblies, writing and debugging software/firmware, general formal engineering documentation, hands-on testing and troubleshooting, and engineering oversight for manufacturing, assembly, and installation of equipment. Experience in medical device design and development is a plus.

Responsibilities:

- New product development and design
- Develop products in compliance with Design Control requirements
- Design and support manufacturing and quality current products
- Perform other functions to support company interests as directed by management

Preferred Traits and Abilities:

- Ability to consistently achieve results to high personal and professional standards
- Ability to communicate clearly with co-workers, vendors, and customers
- Ability to lead by example, utilizing outstanding people skills to motivate and support, be results driven
- Strong attention to detail, and consistent diligence in maintaining accurate records
- Strong time management and organizational skills
- Excellent analytical skills and demonstrated problem-solving skills
- Excellent verbal, written and presentation skills
- Exceptional work ethic, solid self-image, and high level of self-motivation.
- Ability to use independent judgment and common sense in performing duties
- Ability to multi-task and manage priorities in support of goals and objectives
- Flexibility in a dynamically growing/evolving company

Qualifications (Knowledge and Experience):

- Minimum of six years in Electrical Design Engineering is required; medical device Class I, II or III preferred.
- Design experience of analog and digital circuit design required
- Knowledge of software/firmware development alongside ability to design software for the embedded systems required
- Working knowledge of Cadence Electrical CAD package: OrCAD schematic capture software required
- PCB layout software knowledge preferred.
- Knowledge of circuit simulation environment such as PSpice is desirable
- Working knowledge of typical lab tools: oscilloscopes, signal generators, logic analyzers, etc. required
- Demonstrated ability to assemble prototype circuits and operate typical tools (e.g., soldering stations, inspection equipment, etc.) is required.
- College degree in Electrical Engineering or Equivalent experience required
- Masters or PhD in Electrical Engineering preferred

Isolite Systems designs innovative, ergonomically efficient products that help dental professionals work faster with less stress and fatigue. Our award-winning product has won numerous honors and the support of dentists nationwide. As we grow and expand our product offerings, we are seeking professional, enthusiastic, and self-motivated team players to be part of our dynamic team. We offer competitive salaries and a great work environment. We offer a full range of benefits including 100% employer paid medical, dental, vision, life and AD&D for the employee and 75% for dependents, 401(k), professional growth/educational assistance, paid time off, paid sick leave, paid holidays, and we continually celebrate milestones and successes of our fun and passionate team!

Isolite Systems 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.

Isolite Systems is not accepting unsolicited assistance from search firms for this employment opportunity. Please, no phone calls or emails. All resumes submitted by search firms to any employee at Isolite Systems via-email, the Internet or in any form and/or method without a valid written search agreement in place for this position will be deemed the sole property of Isolite Systems. No fee will be paid in the event the candidate is hired by Isolite Systems as a result of the referral or through other means.