

Grover Gibson

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EXPERIENCE

SENIOR ELECTRICAL DESIGN ENGINEER

San Francisco, CA

06/2014 – present

- Analyze and develop new technologies, components, and features to make truly differentiated fitness products
- Create software for product, production, and/or laboratory use during product development
- Apply Cost Competitive Execution techniques to develop the most cost-effective total project solution for execution of the discipline engineering work
- Assist and/or direct electronics vendors to create electronics prototypes
- Execute a wide variety of electrical or quality and productivity improvement projects
- Provide technical expertise to develop and lead product design projects
- Establish, track, and monitor material key quantities; provide analysis and forecasts

LEAD ELECTRICAL DESIGN ENGINEER

Chicago, IL

10/2007 – 01/2014

- Be responsible for assessing effectiveness of working practices and systems with a view to continuously improving systems, personal and team performance
- Develop and/or update electrical purchased part engineering drawings and standards
- Conduct DFMEA and create test and analysis plans for Product Validation
- Prepare estimates and schedules and assist in their review
- Ensure, as far as is practically possible, that all assigned work is carried out in compliance with the agreed budget and schedule
- Perform Tolerance Studies on Components and Assemblies
- Encourage and provide lateral learning within the project

ELECTRICAL DESIGN ENGINEER

Los Angeles, CA

03/2003 – 04/2007

- Develop and manage supplier partnerships with TK's current and prospective new suppliers, working closely with vendors to develop and deliver solutions
- May be Electrical Work Package Manager for a given project. Developing project plan timelines in conjunction with cross-functional peers and Project Manager
- Establish proper electrical classification for manufacturing facilities and establish and establish criteria for equipment selection
- Performs fieldwork necessary to gather field data, tie-in information, analyze existing electrical infrastructure and provide construction support
- Develop engineering statement of work in preliminary stages of product/project development
- Provide engineering and technical project management in support of Internal Research and Development (IRAD) activities
- Provide periodic on-site inspection of construction/installation work

EDUCATION

GEORGETOWN UNIVERSITY

Bachelor's Degree in Electrical Engineering

SKILLS

- Audit and monitor the deliverables of outside engineering firms for design quality, safety, reliability, cost effectiveness, and constructability
- Able to demonstrate use of Amtech or similar software package for carrying out detailed cable calculations
- Strong technical knowledge of your field, able to advise other disciplines regarding aspects of their design as it impacts electrical engineering issues
- Strong computer literacy and a good knowledge of Microsoft Office packages
- Ability to work effectively in a global environment, utilizing proven design processes as applicable to develop robust, cost effective new designs
- Apply knowledge of DOE, FMEA, tolerance analysis, simulation and statistical methods to improve robustness and quality of electronic designs
- Strong strategic thinking ability
- Excellent attention to detail
- The ability to travel to other Videojet sites globally, such as China and the US is desirable
- Excellent written, verbal and presentation skills, particularly the ability to communicate in a multidiscipline context