

About Bentek

Founded in 1985, Bentek is both a leading BOS (Balance of System) provider for the solar industry and EMS provider of high-complexity, low-volume assemblies to capital equipment manufacturers and emerging high-tech industrial companies in the semi-conductor, flat panel, defense, solar, and RFID sectors. Headquartered in San Jose, California, Bentek has a full line of solar combiner products serving the needs of residential, commercial, and utility scale installation and provides services including product design, engineering services, cable and harness assembly, box build, complex system integration and test.

Job Title: Mechanical Engineer
Job Location: San Jose, CA
Title of Immediate Supervisor: Engineering Manager

Position Description:

The Engineer is responsible for transitioning customer product designs from development to production as well as sustaining support of existing, released designs. Development cycles for products is short, so there will be great variety in the assignments.

Major Duties and Responsibilities:

- Updating of existing designs addressing component obsolescence, cost reduction, and manufacturability improvements
- Support customer NPI for new products ensuring readiness for volume production
- Ensure production procedures are in place and help create SOE (Sequence of Events) manufacturing process docs
- Support product requirements for new and derivative products in response to market requirements
- Support the design, development, testing, and listing of derivative products
- Direct interaction with customers for defining / clarifying needs and translating those into product requirements
- Producing engineering design documentation packages including schematics, BOMs, service pages, and test specifications.
- Analyzing and solving technical problems and providing repeatable, supportable solutions that can be implemented in a timely manner
- Providing technical support to Sales and Marketing for pre and post sales activities
- Analyzing field failures and identifying corrective and preventative solutions
- Evaluate existing designs for manufacturability identifying optimizations and corrective actions

The above duties may be supplemented occasionally with other job assignments related to career or personal development.

Knowledge/Skills Requirements:

- BS required, ME preferred (or equivalent)
- 0-3+ years' experience in design of AC and DC power distribution systems preferred
- Experience in electrical system architecture, design, & integration with electronic & power components preferred
- Experience with DFM principles
- Familiarity with NEC, UL508A, and IEC design rules is a plus
- Highly analytical mindset with exceptional problem-solving and critical analysis skills
- Strong verbal and written communication skills
- Must be a self-starter - a highly motivated person able to work in a fast paced environment that is continually changing
- Semiconductor and/or Solar industry experience is a plus

This job description has been designed to indicate the core nature and level of work performed by employees within this classification. It is not design to contain or to be interpreted as complete list of all duties, responsibilities, and qualification required of employee assigned to this job family, as some of these may vary from time to accommodate business needs.