



Position: Mechanical Engineer

About us

Arka energy is focussed on changing the paradigm on energy. Arka focusses on creating innovative renewable energy solutions for residential customers. With its custom product design and an innovative approach to market the product solution, Arka aims to be a leading provider of energy solutions in the residential solar segment. Arka designs and develops end to end renewable energy solutions with teams in Bangalore and in the Bay Area.

The Job

You will assist in the development of new and existing structural products. You will work with a lead mechanical engineer in supporting the development of structures, enclosures and device test systems relating to the same. You will assist in field evaluation of our mechanical systems alongside development of next generation products.

Key duties and responsibilities

- Assist in the design, development, and evaluation of new and existing products.
- Use SolidWorks 3D software to design, drawing, and documentation.
- Review design documents and specifications and perform the required action under the direction of design engineers to best support them.
- Assist in the evaluation and troubleshooting of products testing.
- Develop bill of materials, 2D production drawing, and assembly process, as needed.
- Work with inter disciplinary team for input for design and testing.
- Assist in testing of product in lab and field. Troubleshoot product performance issues.
- Update engineering manager with regular reporting of progress and status
- Specify and evaluate supplier components, subsystems, and services.
- Other similar duties as assigned to you.

Qualifications

- B.E. /B Tech/Diploma in mechanical engineering, preferred with 0 to 2 years of experience.
- Extensive experience with SolidWorks 3D and AutoCAD.
- Experience with mechanical design using metals, plastics, glass, and rubber.
- Strong attention to detail in engineering and testing.
- Works independently and with minimal supervision
- Experience in industrial design, preferred
- Excellent organizational and communication skills
- Proficient in Microsoft Office
- Flexible schedule and ability to travel as needed, required (30% travel)
- Flexible to work on field and at vendor's location.

Other TOOLS we prefer you to have

- Knowledge of AutoCAD
- Knowledge of thermal simulation tools
- Strong documentation and writing skills

Key Benefits

- Competitive development environment
- Engagement into full scale systems development



- Competitive Salary
- Flexible working environment
- RSU in an early stage start-up
- Incentives on filing of patents
- Health Insurance for employee + family
- Life Insurance for employee