

Job Title: Packaging Engineer

Enovix is hiring a broad range and large number of positions to bring up and support its new 50,000 ft² Li-ion battery production facility in Fremont, California.

Job Summary:

Enovix is seeking an experienced Pouch Cell Battery Packaging Engineer to develop and support high-precision, high-volume automated packaging processes used in the production of our industry leading 3D Silicon batteries.

Responsibilities

- Develop Packaging Process and techniques to minimize Pouch Cell Package volume.
- Develop and Define reliable Pouch Sealing Processes.
- Develop Laser and Ultrasonic welding process for Negative and Positive Battery tabs.
- Use stage-gate process to develop, characterize, and implement production scale-up processes
- Support the equipment engineering team in the design, equipment selection, and qualification of customized equipment for high-volume manufacturing
- Transfer R&D processes to high-volume manufacturing with high process capability
- Interact with customers to define process roadmap based on next-generation cell requirements
- Drive cell yield improvements through DOE and SPC
- Create and maintain SOPs and work instructions
- Use stage-gate process to develop, characterize, and lock processes for scale-up
- Lead troubleshooting efforts to understand and mitigate process and quality excursions in a high volume, fast paced environment

Skills and Qualifications

- BS or MS in materials science, chemical engineering, physics, chemistry or related discipline
- Minimum 10-15 years of experience in the design, development, manufacturing and qualification of Pouch Cell Packaging Process and Equipment.
- Experience interacting with customers and suppliers strongly preferred
- Proven track-record of solving problems in the scale-up of R&D processes to high-volume manufacturing
- Experience with SPC, DOE, FMEA and 8D methodologies required
- Eligible to work in the United States

About Enovix:

Enovix has developed a patented 3D lithium-ion battery architecture with 50-100% more energy than conventional cells. Our product has been tested and validated by industry giants in the mobile electronics and EV markets. In 2020 we are building our first automated battery production line in Fremont, California to supply these customers. We are backed by over \$200m in strategic investment from Tier 1 customers and industrial partners such as Intel, Qualcomm, and Cypress. We've been awarded over 70 patents on our proprietary technology that give us a long term advantage in the battery space.

Come join our dynamic team to revolutionize the battery industry and the devices they power!